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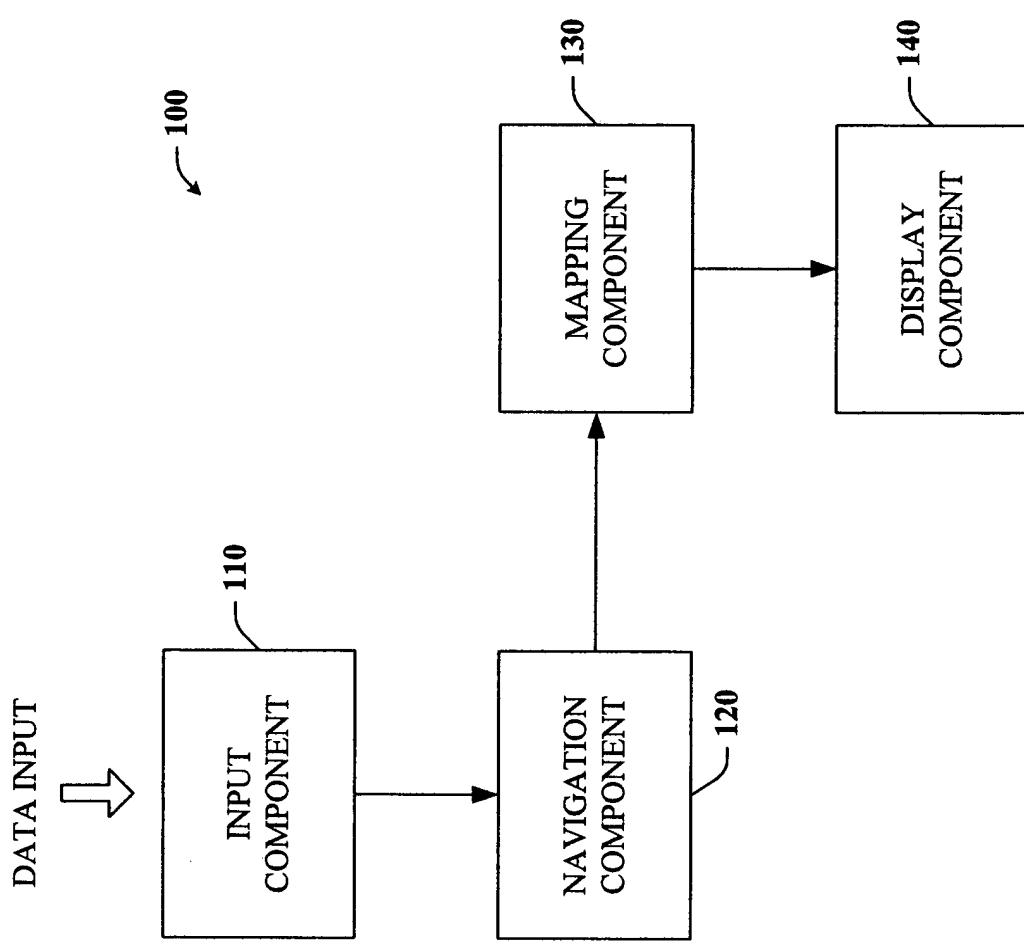


FIG. 1

FIG. 2

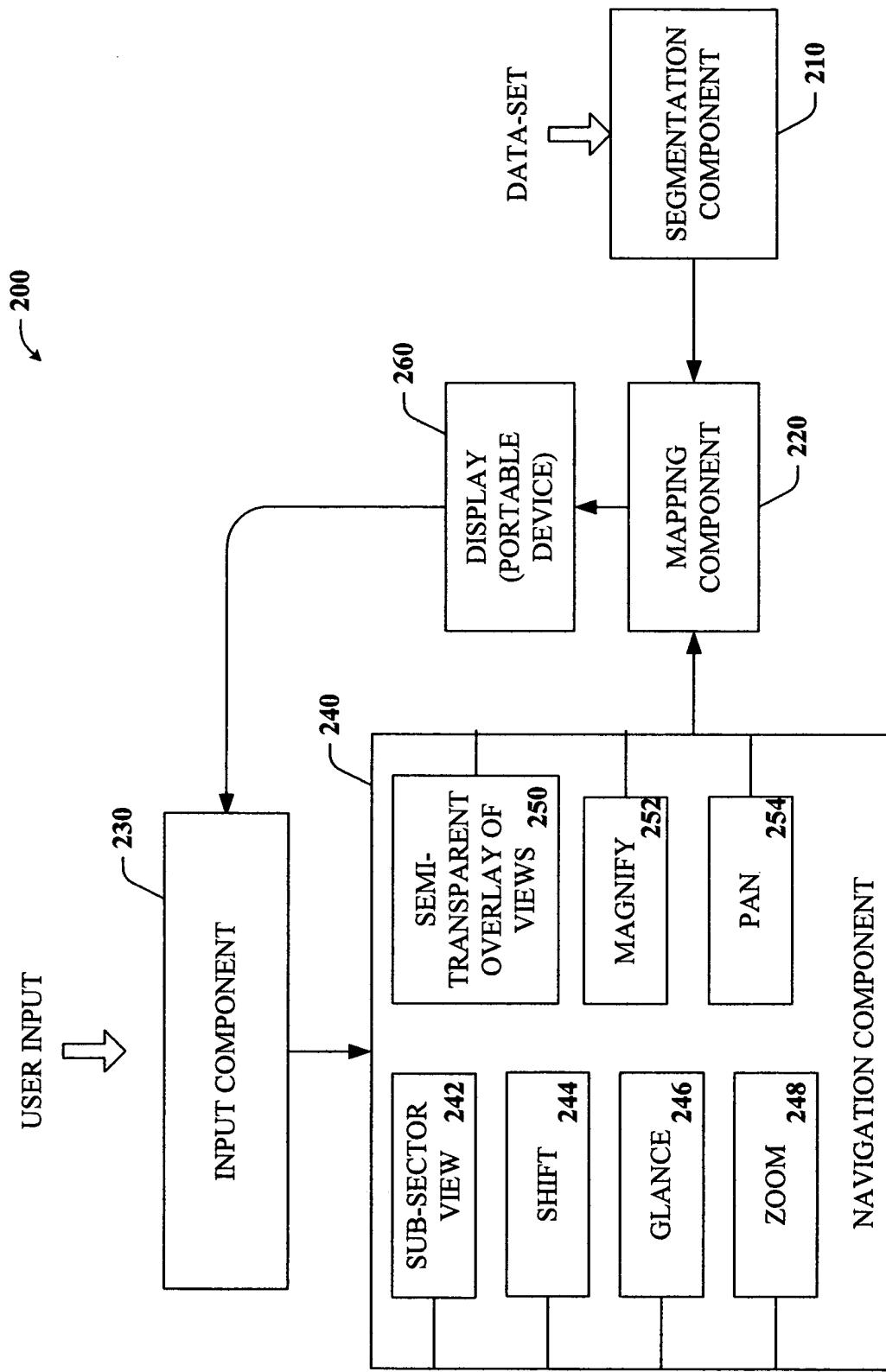


FIG. 3

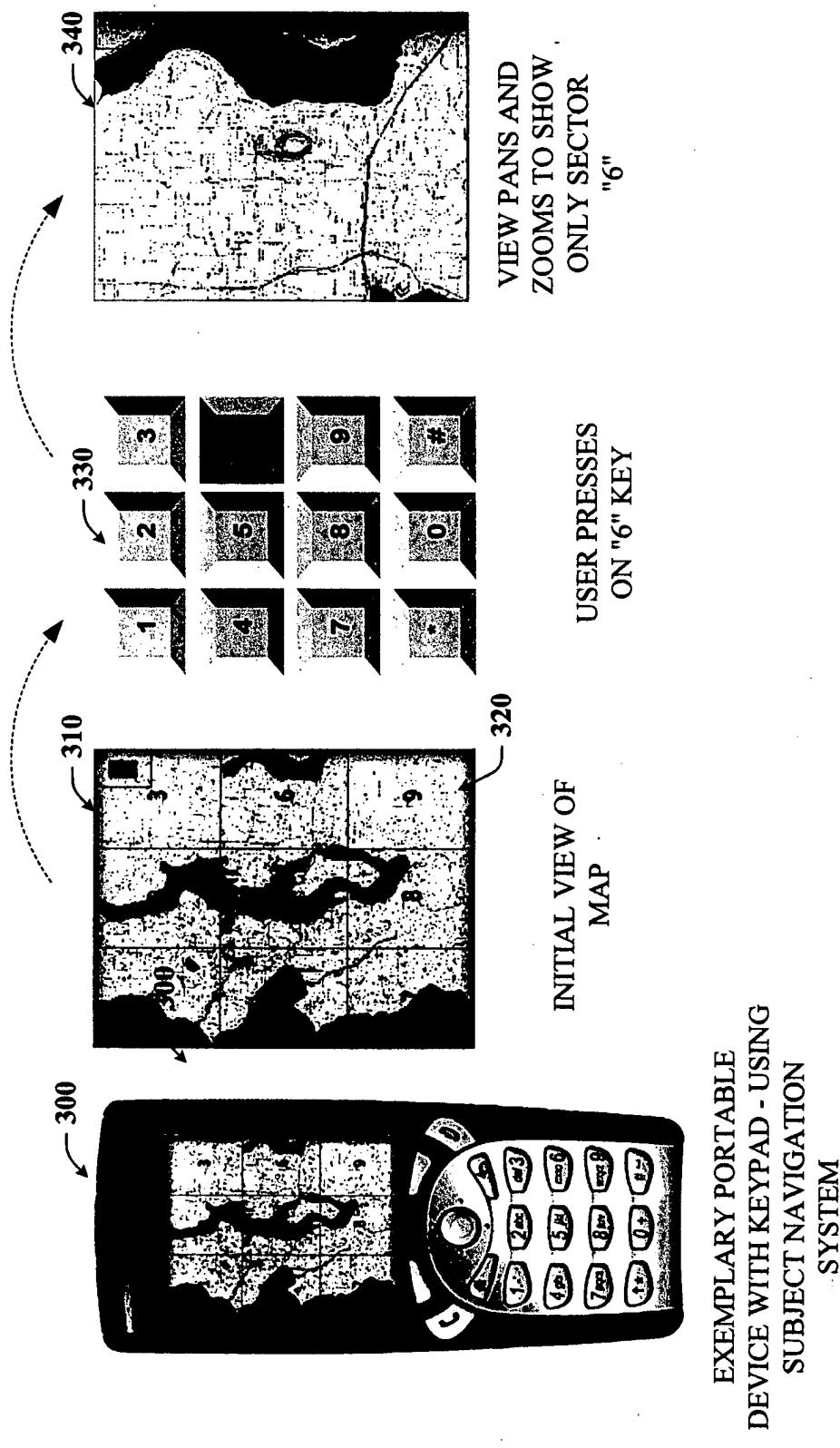


FIG. 4

VIEW ZOOMS OUT DURING PAN FROM ONE SIBLING VIEW (SECTOR 4) TO ANOTHER (SECTOR 6)

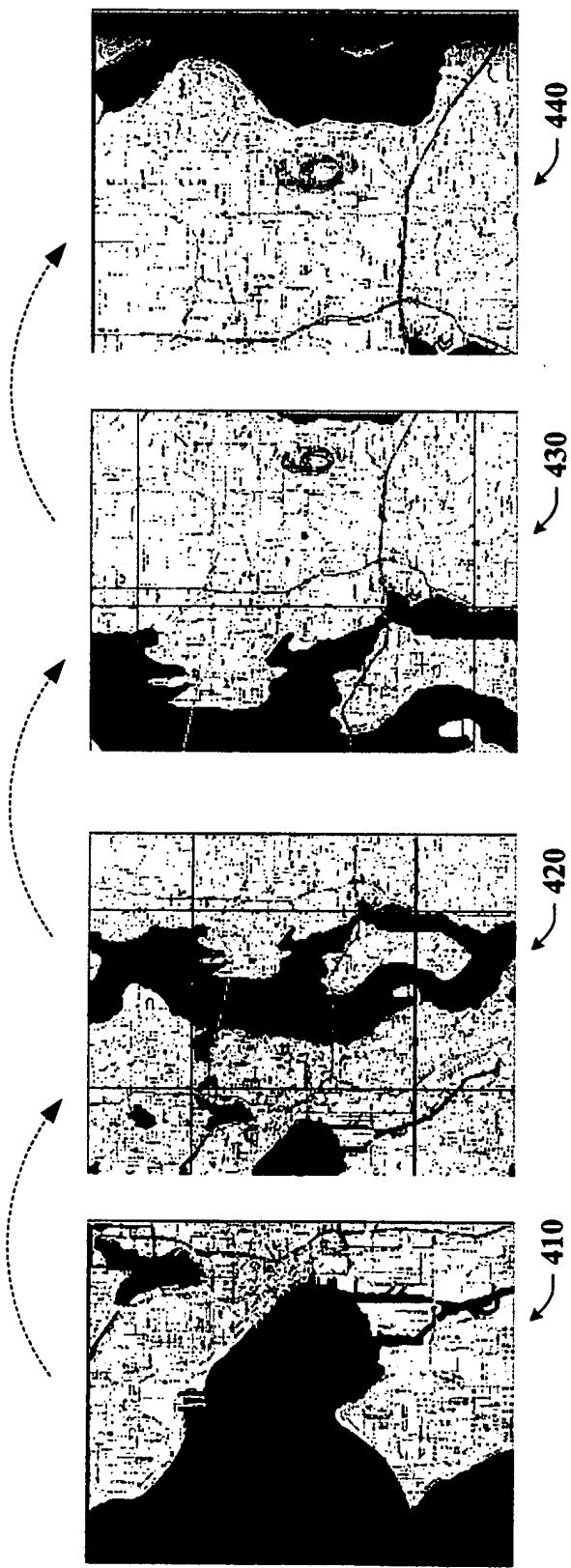


FIG. 5

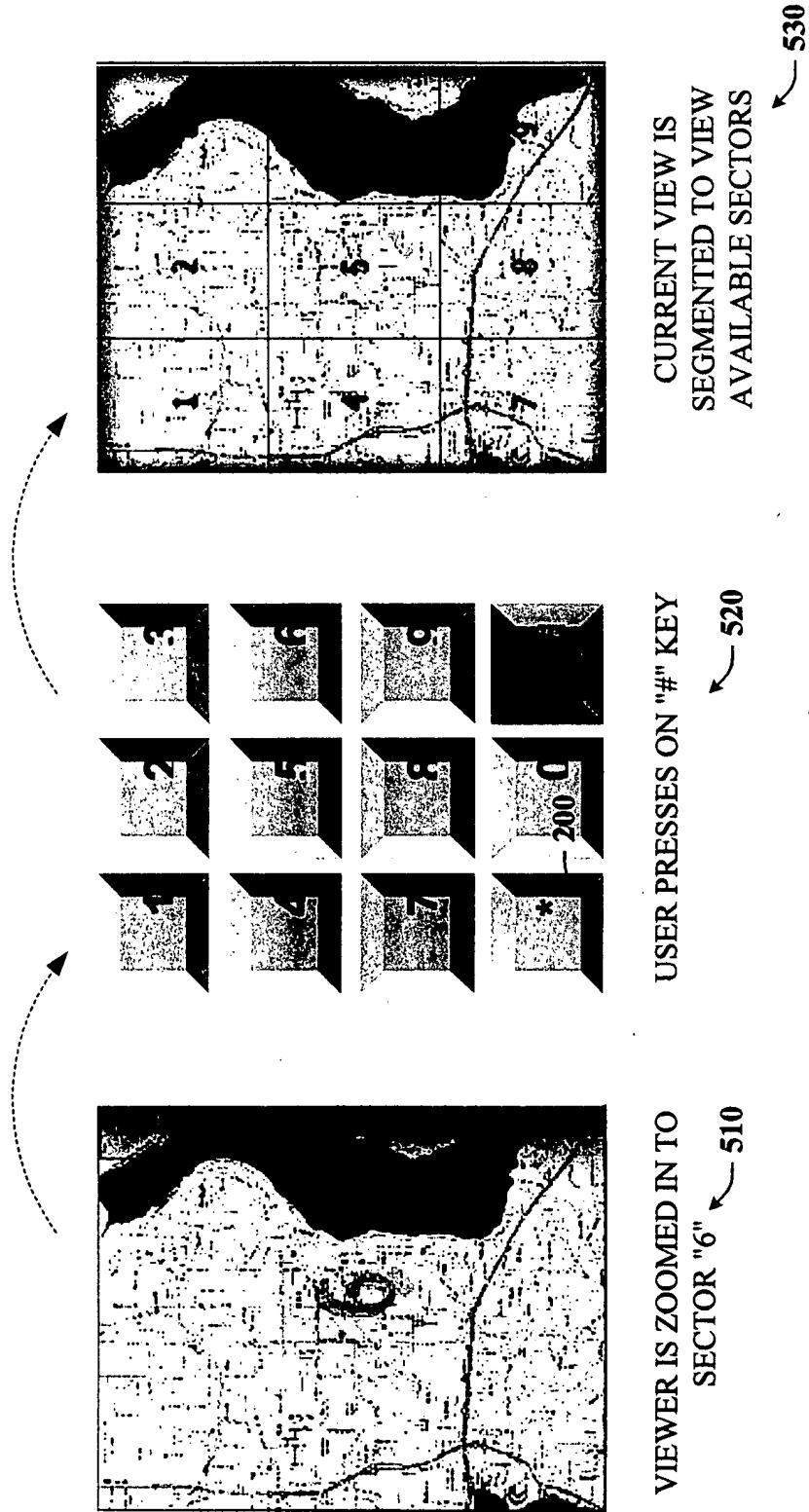
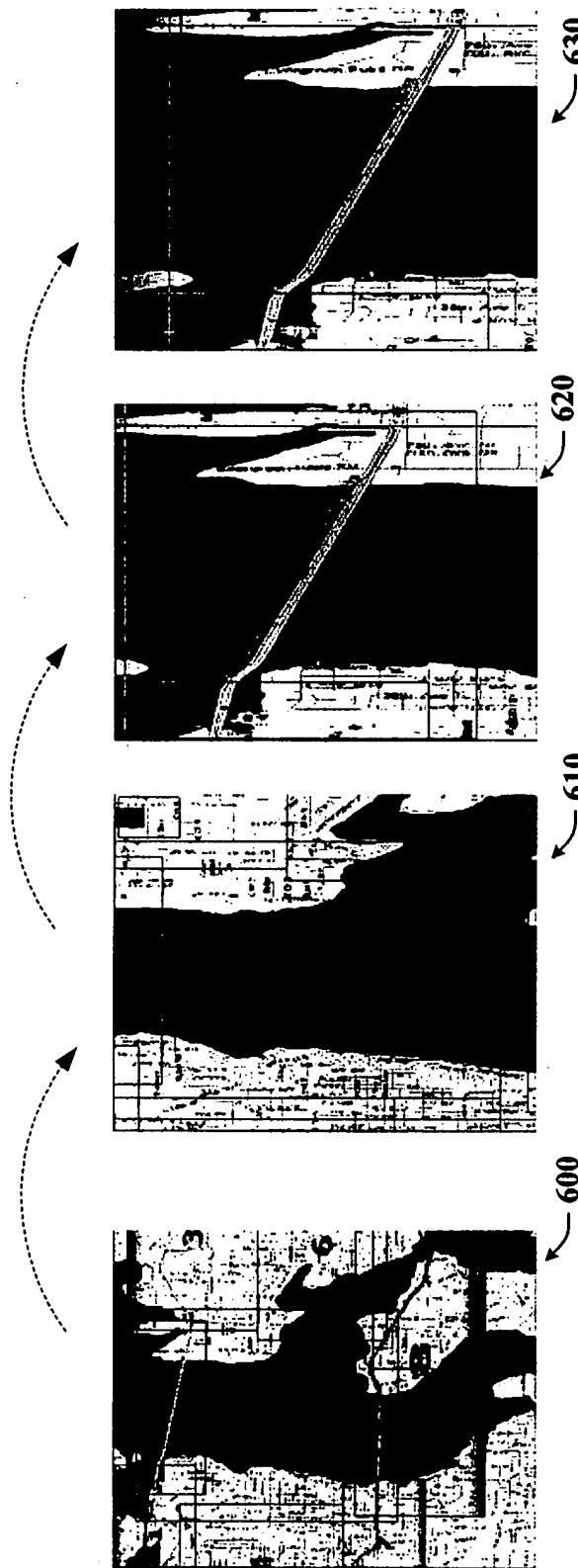


FIG. 6



THE CURRENT VIEW IS
DIVIDED INTO SECTORS
THAT ARE OPTIMIZED

DURING THE VIEW ANIMATION, THE MAP SHRINKS AND STRETCHES SO
THAT THE ASPECT OF THE SELECTED CHILD VIEW FILLS THE FRAME

RELATIONSHIP BETWEEN ZOOMED IN VIEW REGIONS, ENTIRE DATA-SET, AND DISPLAY DEVICE

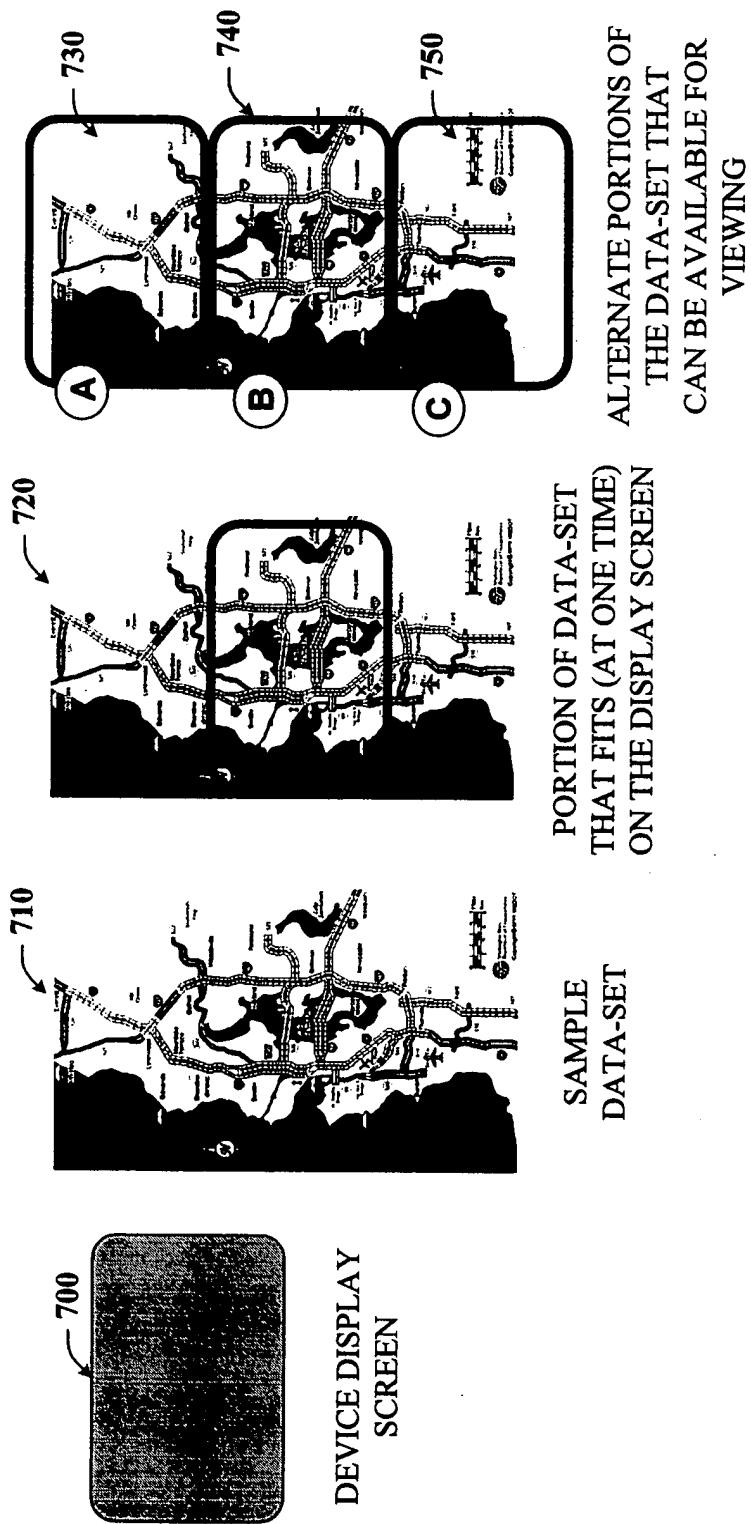


FIG. 7

FIG. 8

SEQUENCE OF EVENTS THAT HAPPEN WHEN USER PRESSES-AND-HOLDS A BUTTON THAT IS ASSIGNED TO A PARTICULAR VIEW

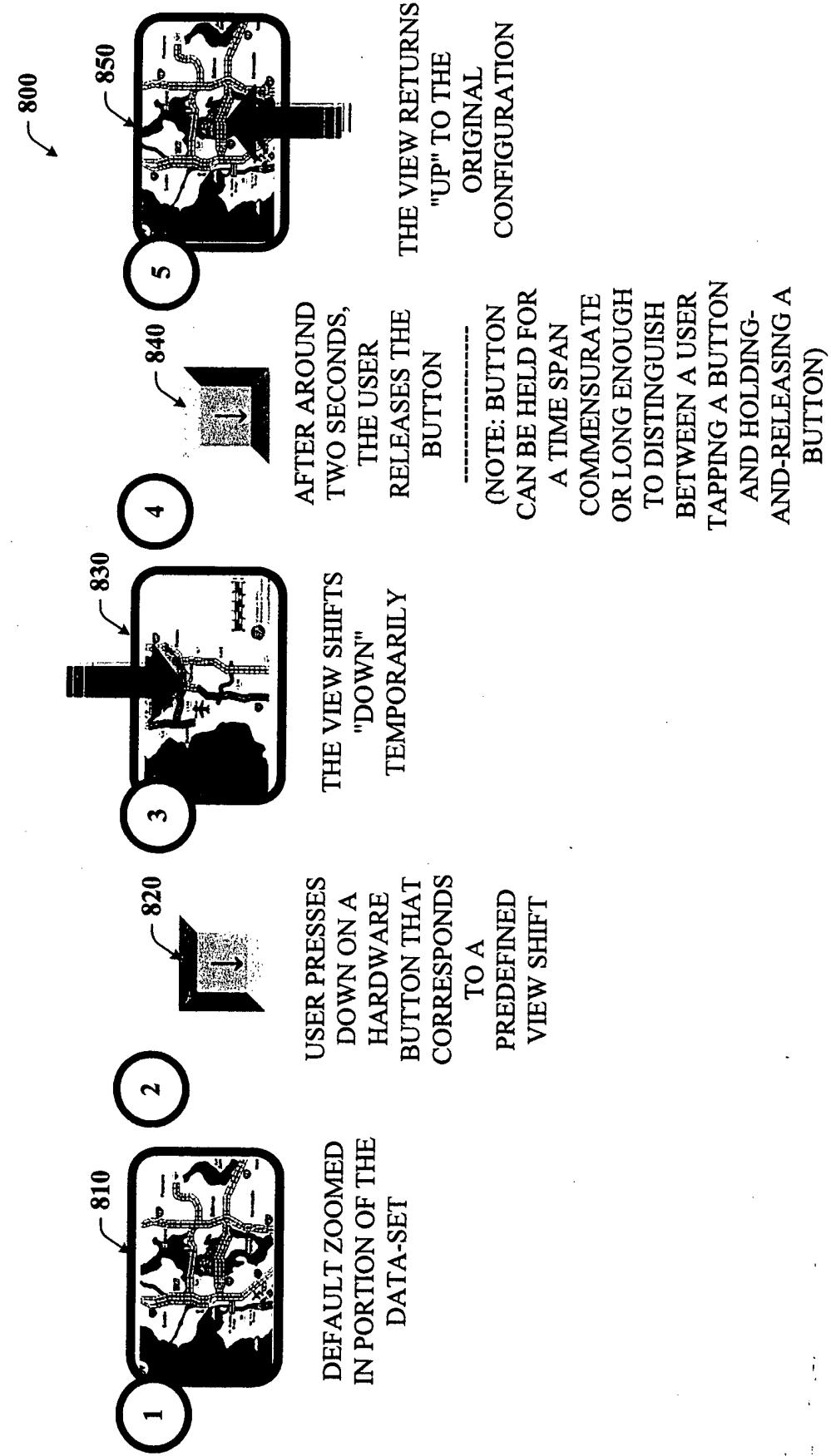
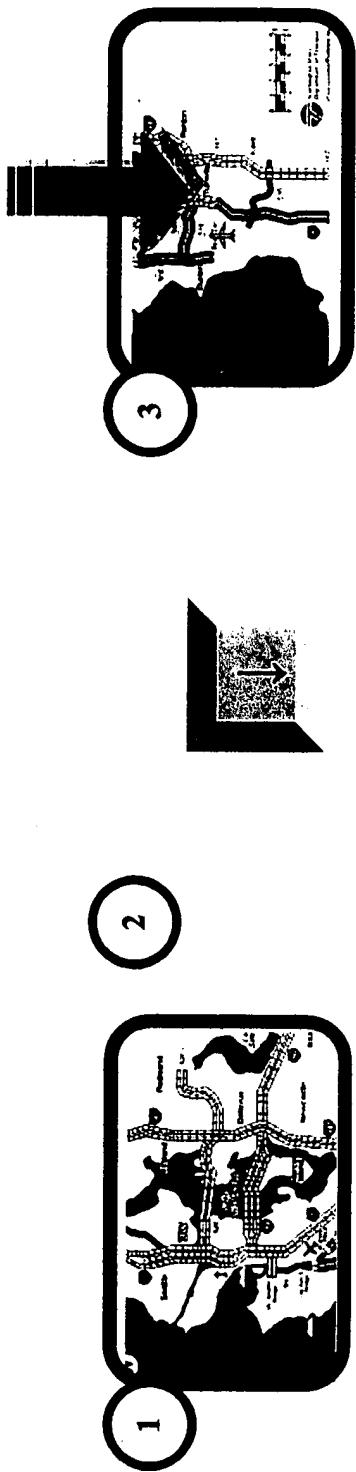


FIG. 9

SEQUENCE OF EVENTS THAT HAPPEN WHEN USER TAPS A BUTTON THAT IS ASSIGNED TO A PARTICULAR VIEW ↪ 900



DEFAULT ZOOMED IN
PORTION OF THE DATA-SET

USER TAPS (QUICKLY
PRESSES AND RELEASES) A
HARDWARE BUTTON THAT
CORRESPONDS TO A PRE-
DEFINED VIEW

THE VIEW SHIFTS
"DOWN" TO THE NEW
CONFIGURATION

FIG. 10

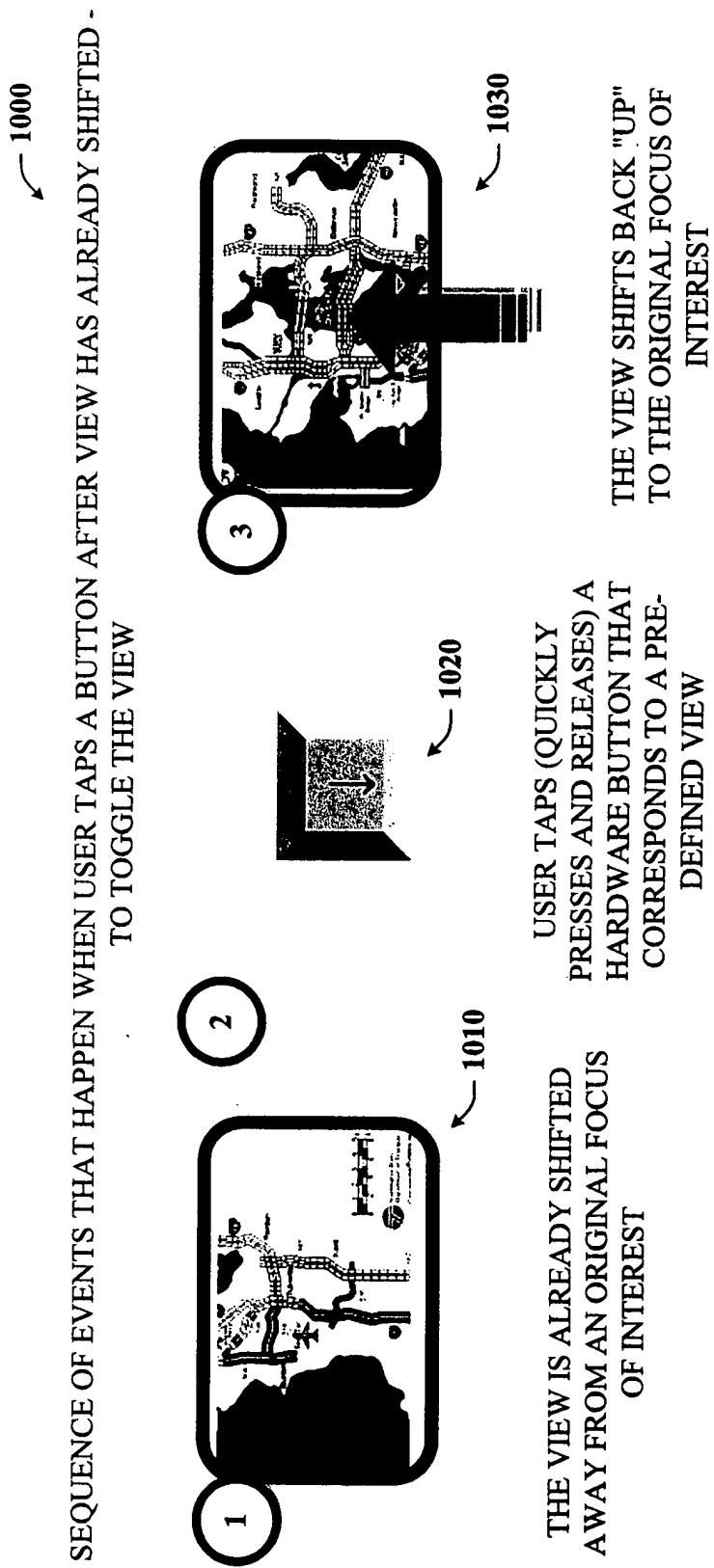
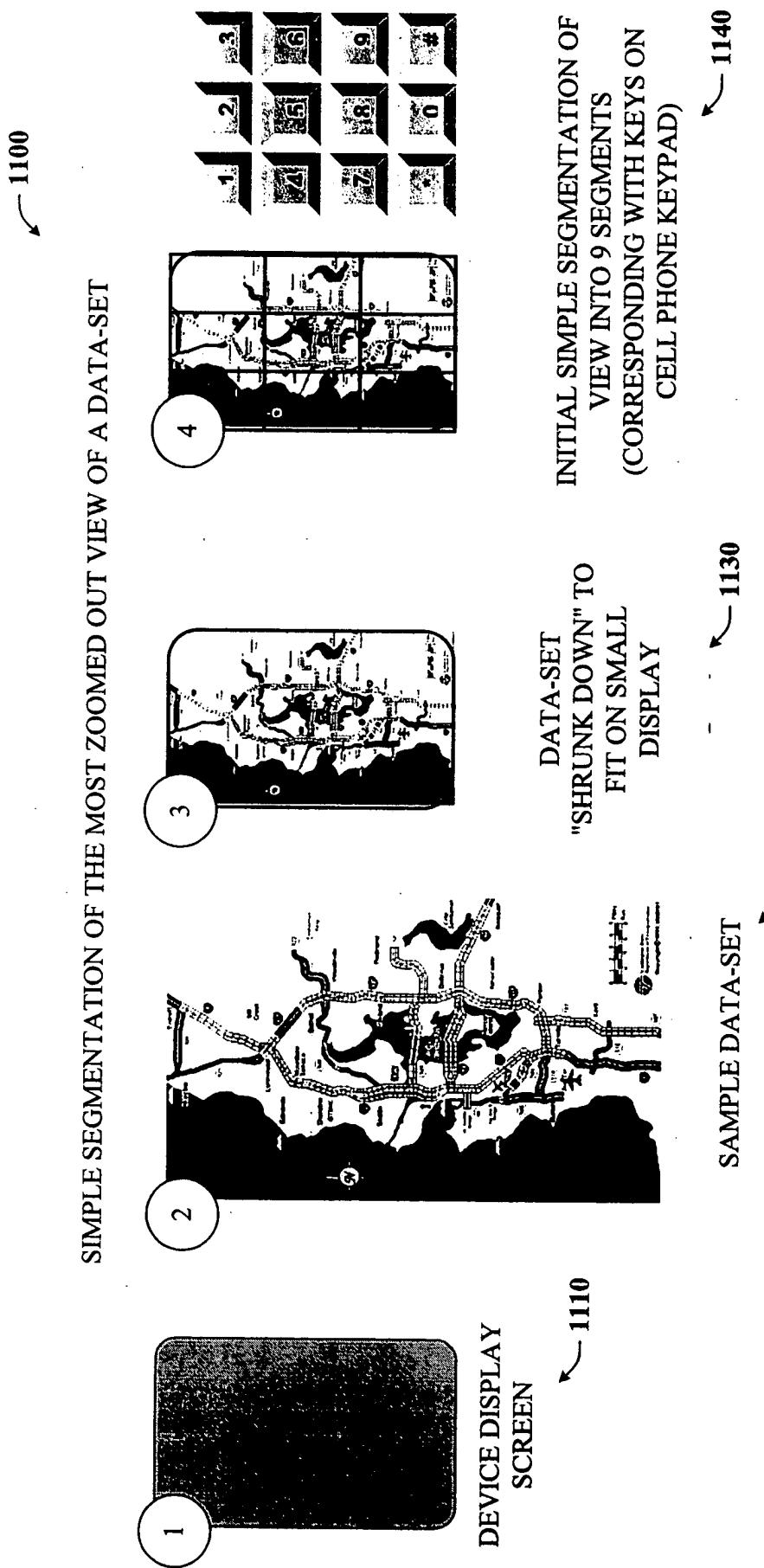


FIG. 11



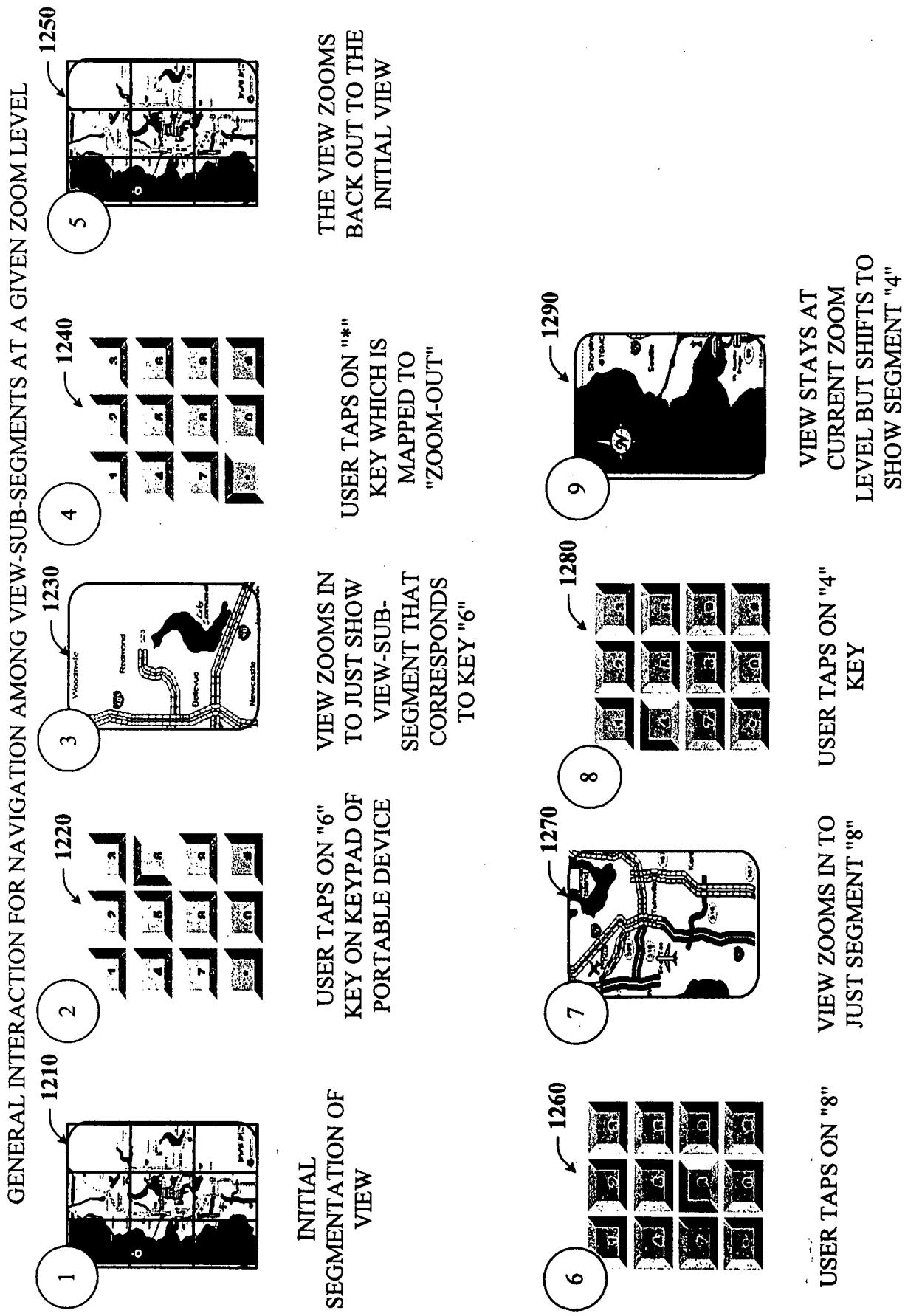


FIG. 12

FIG. 13

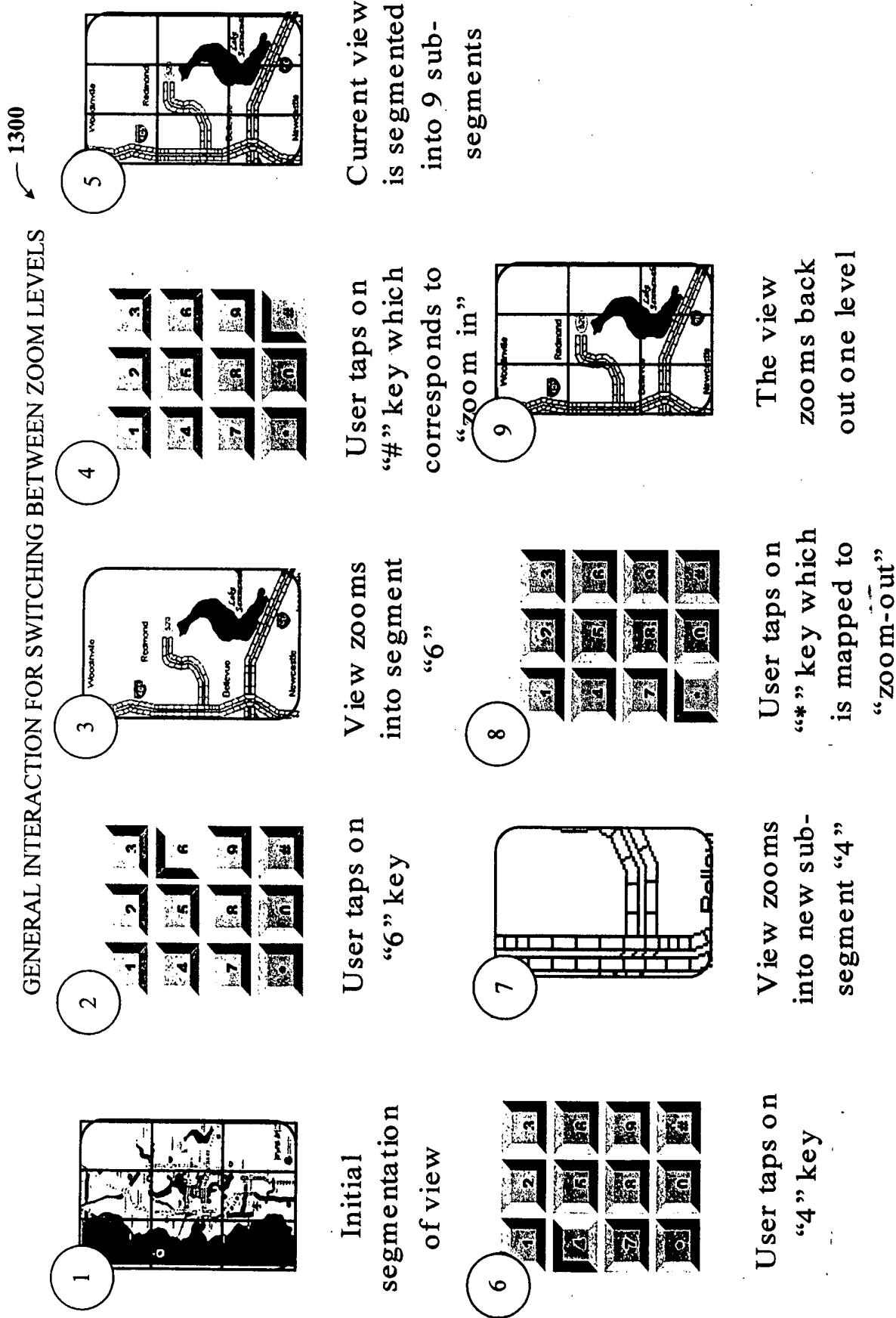


FIG. 14

DIFFERENT TYPES OF SEGMENTATION

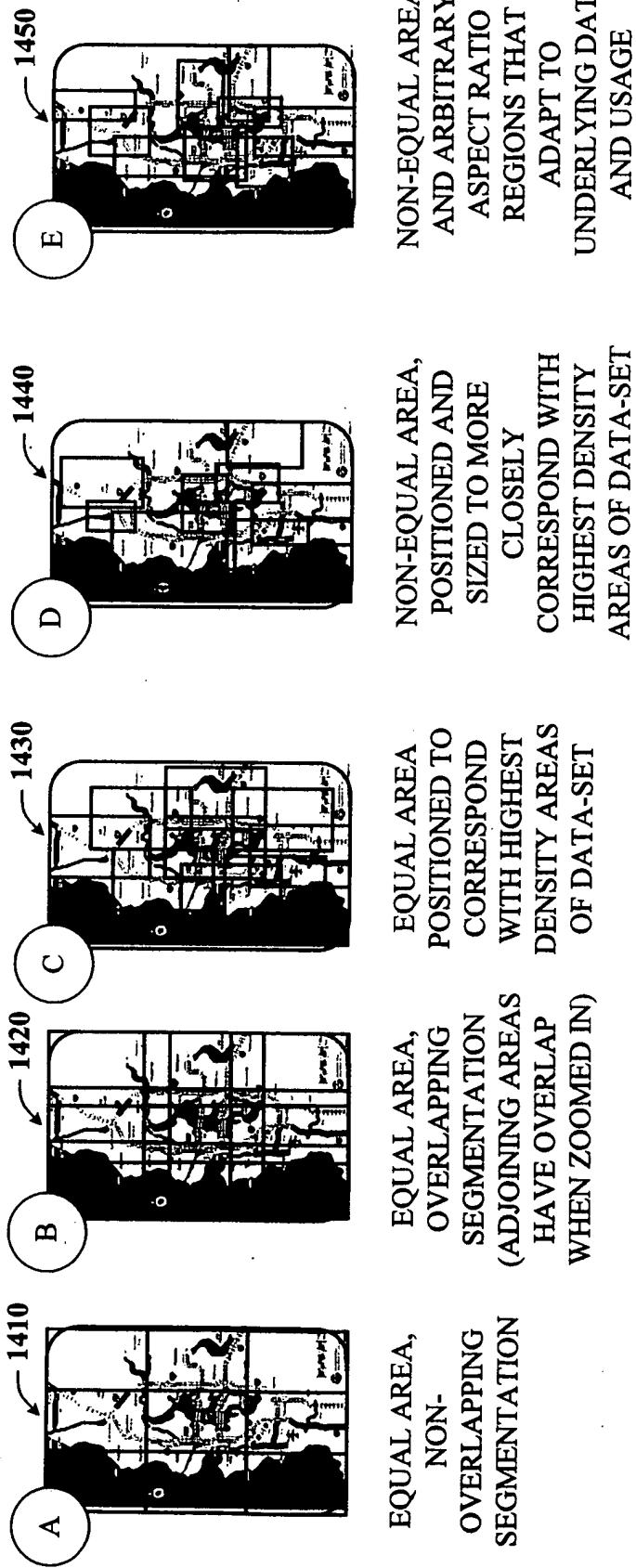


FIG. 15

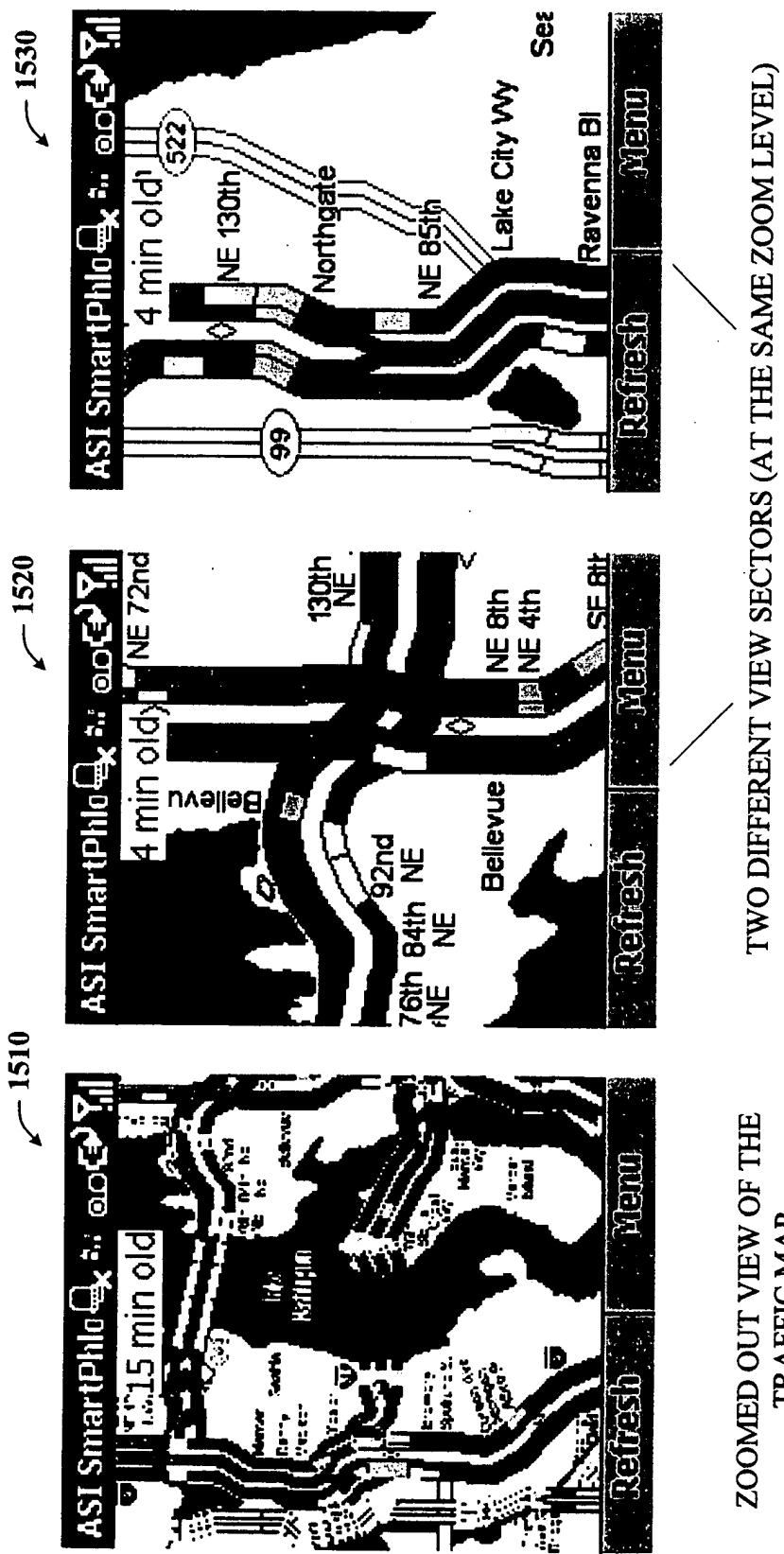


FIG. 17

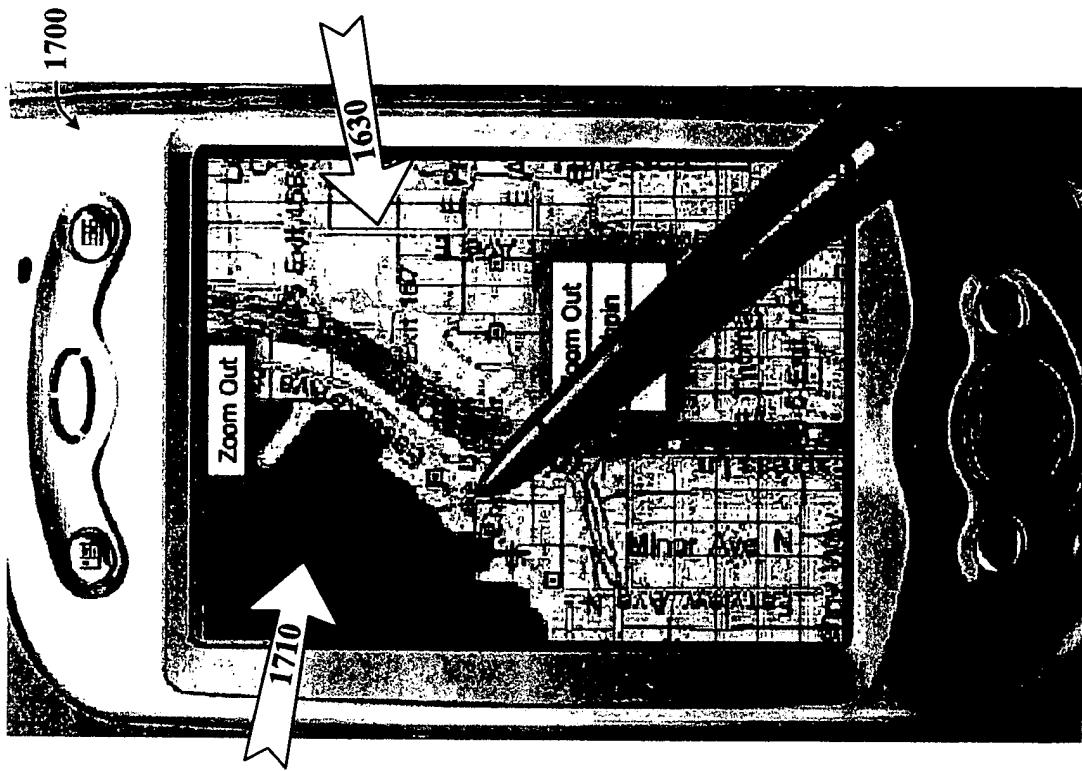
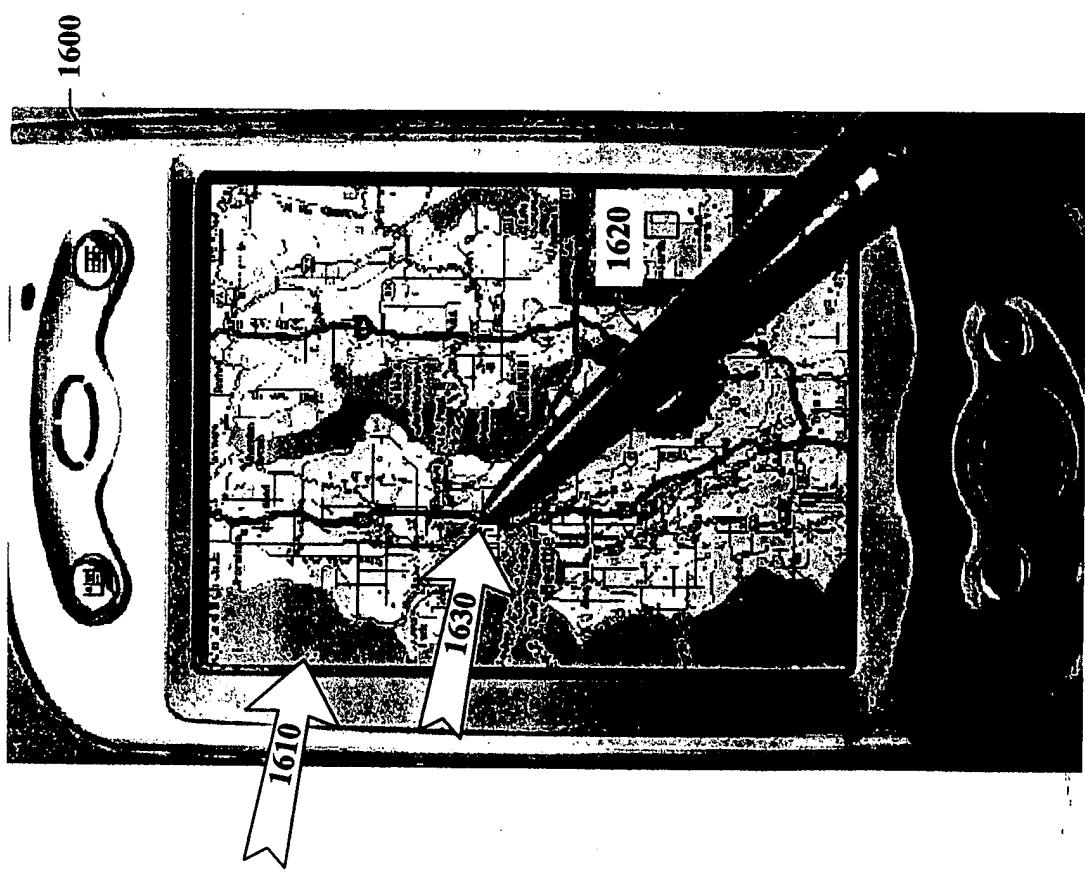


FIG. 16



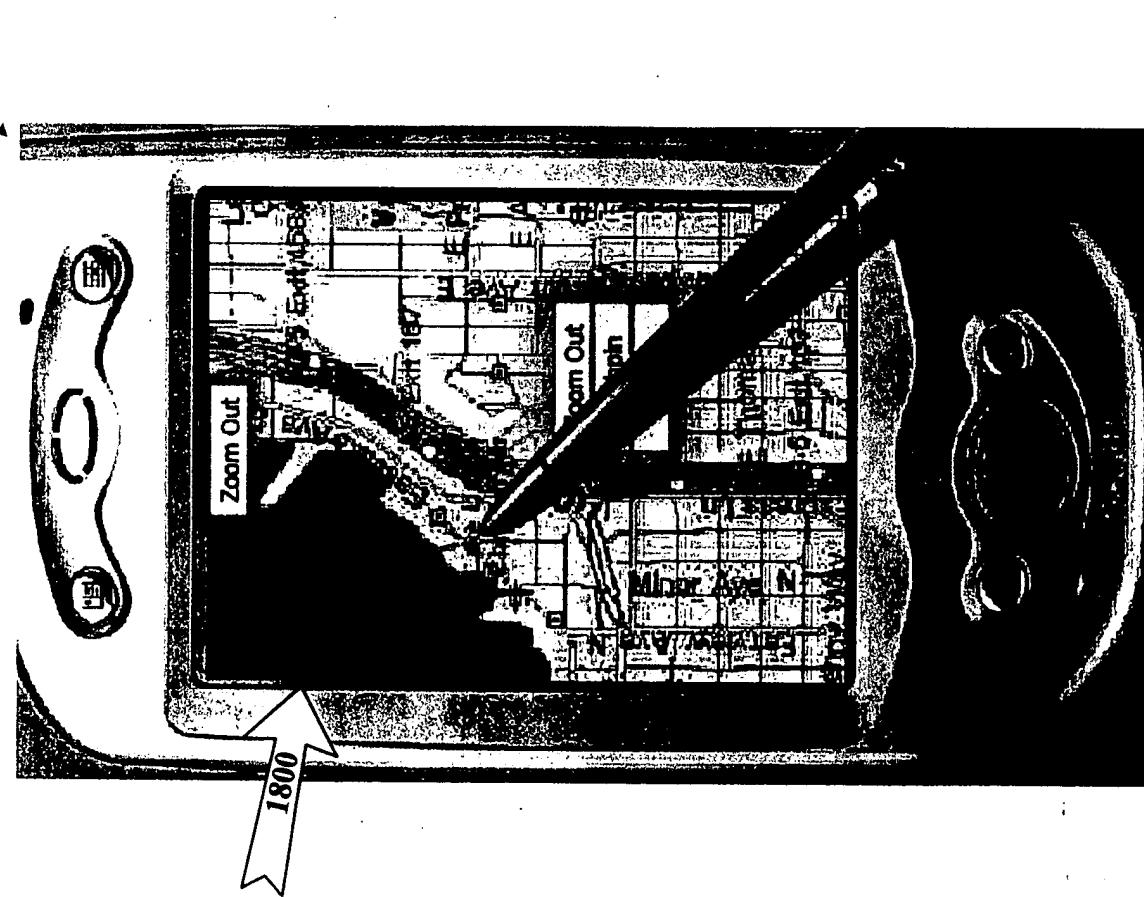


FIG. 18

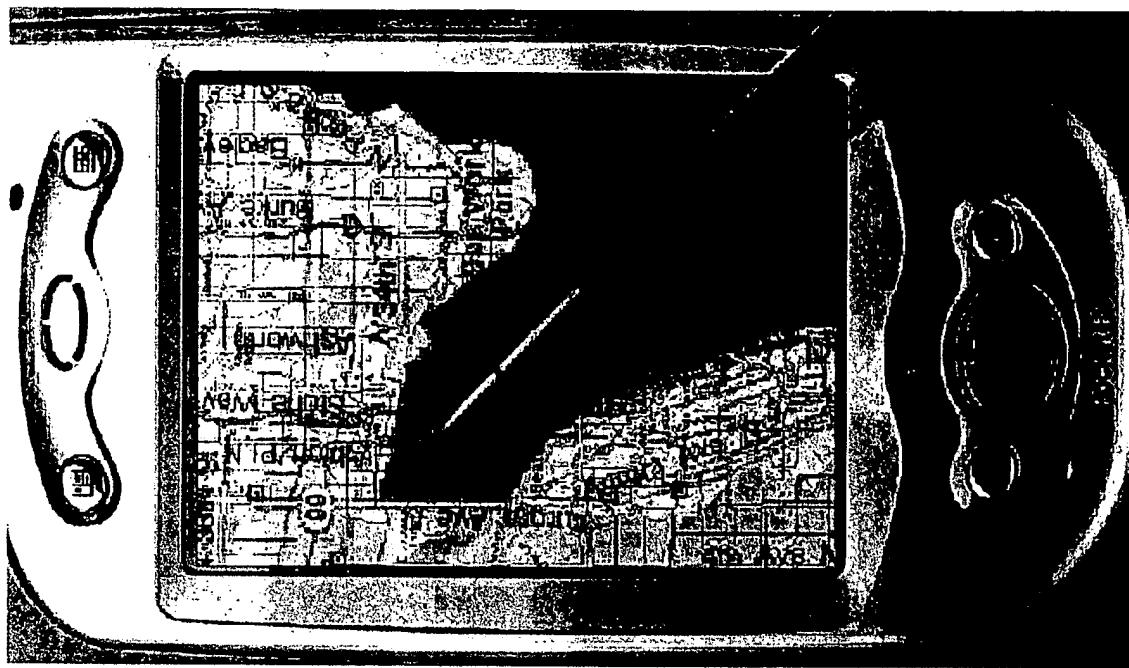


FIG. 19

FIG. 21

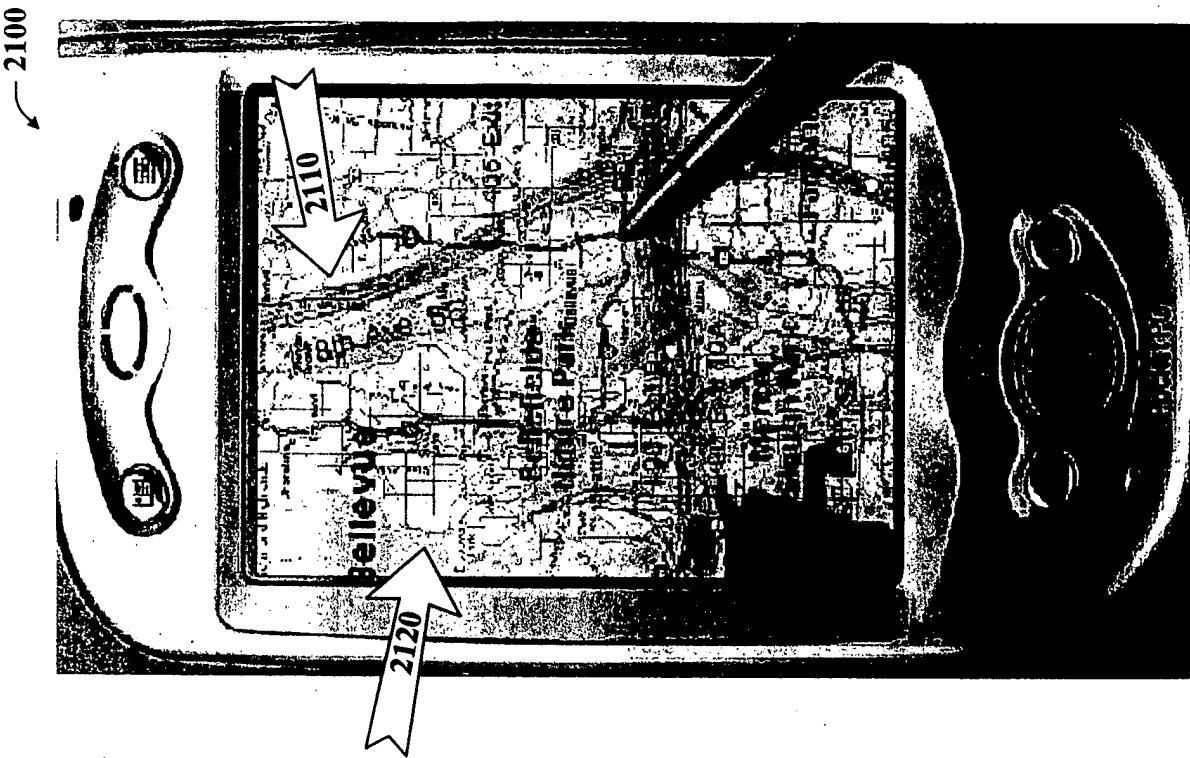


FIG. 20

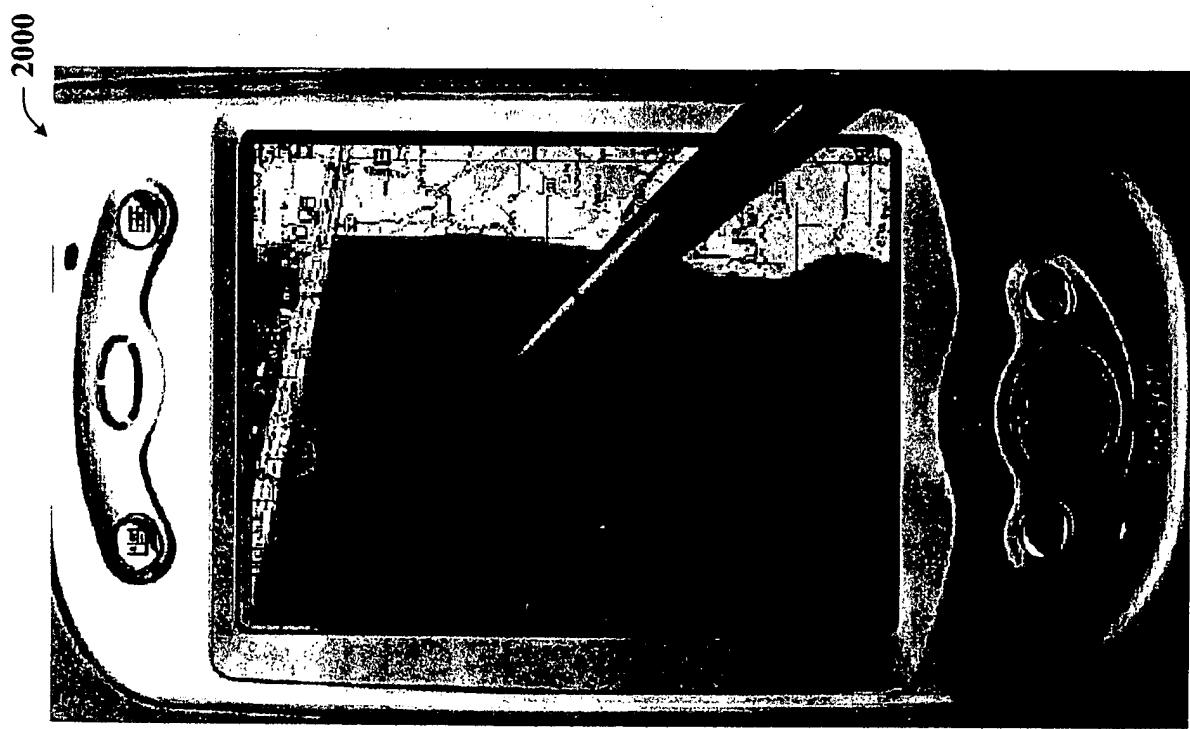


FIG. 23

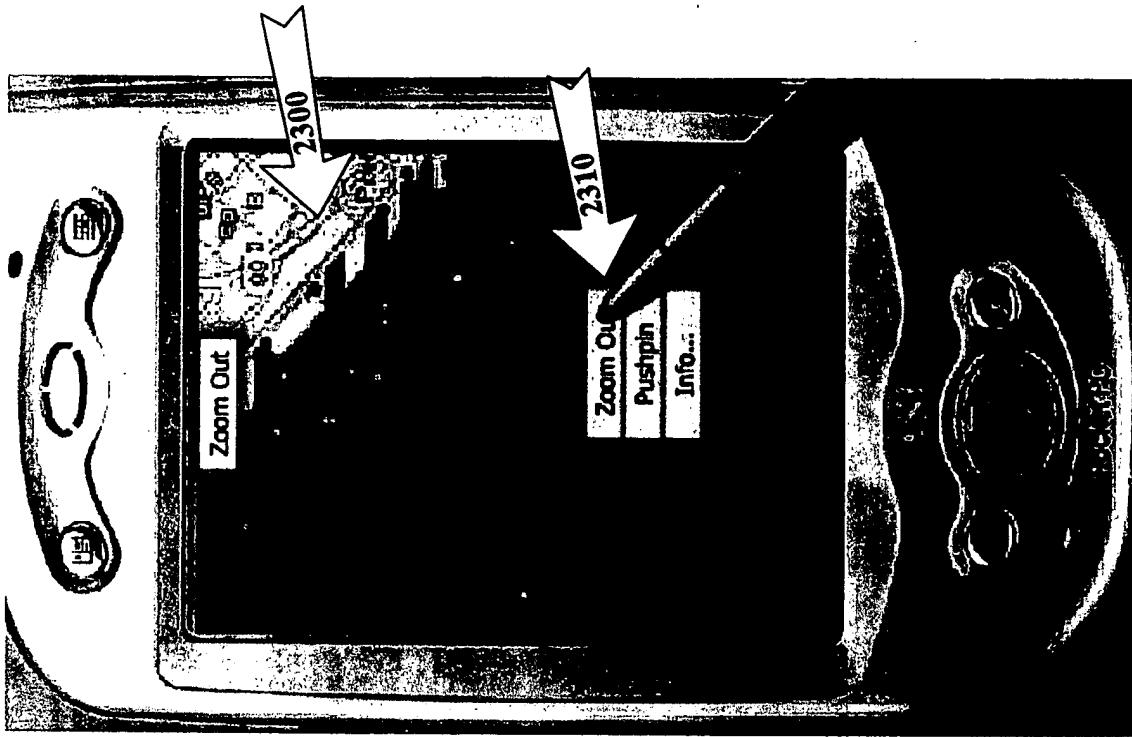


FIG. 22

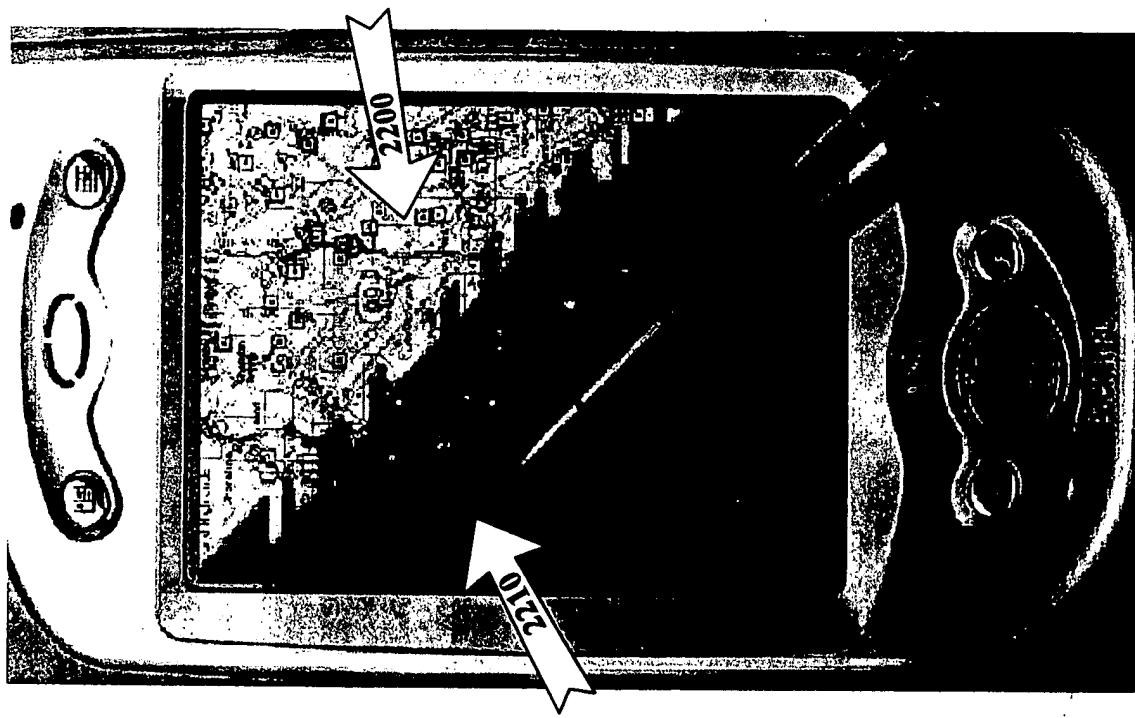


FIG. 24

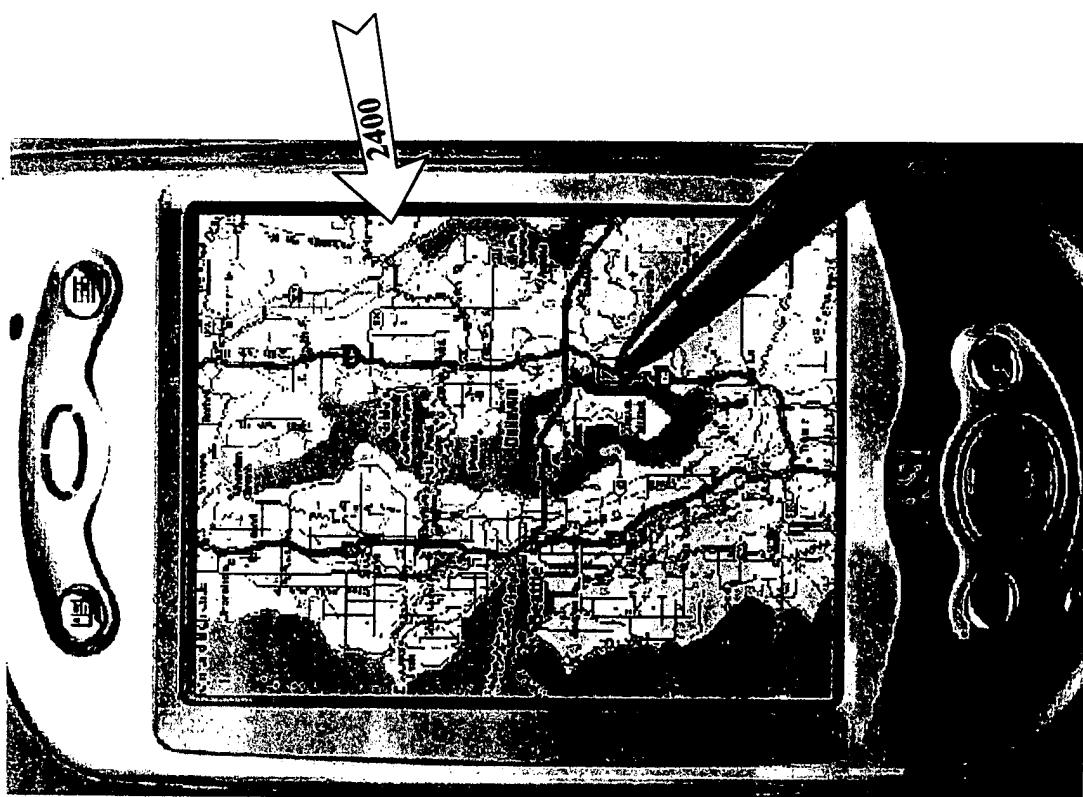


FIG. 25

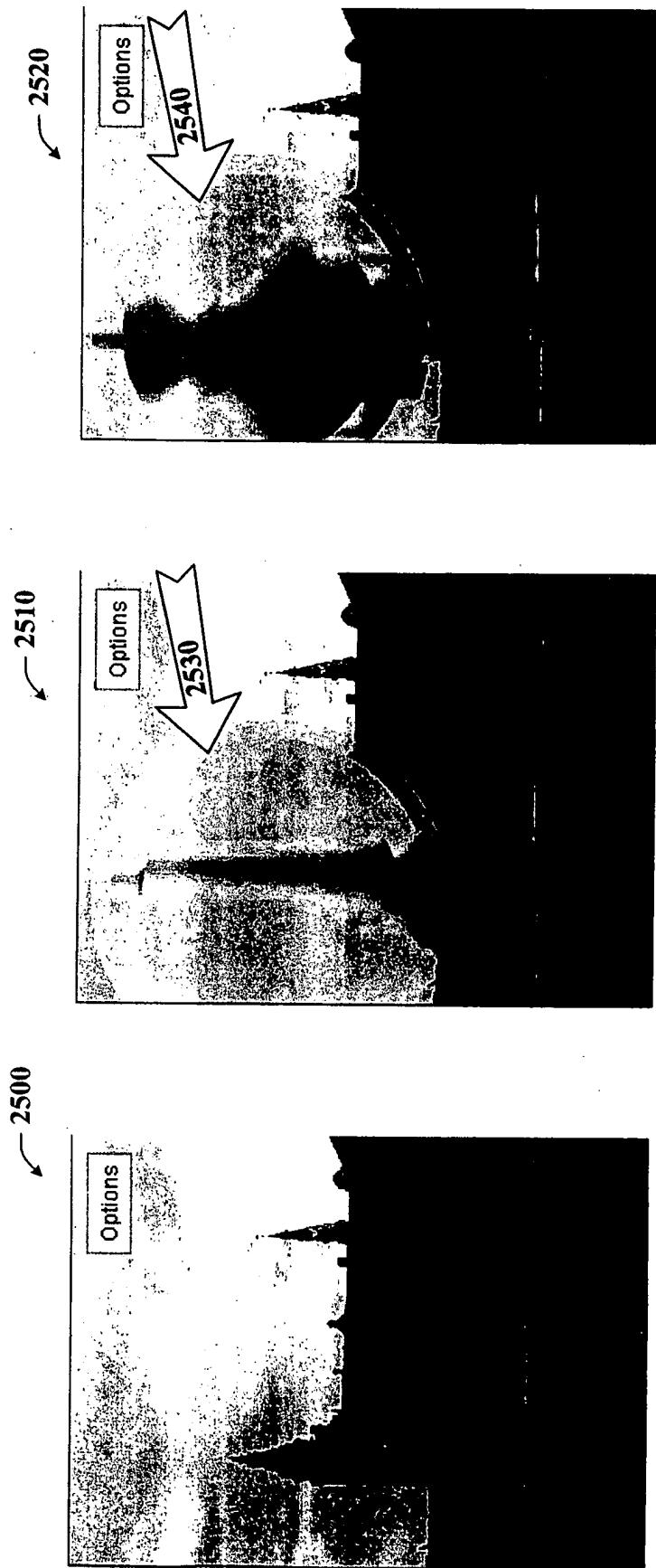


FIG. 26

2610

Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25	26	27	28	29	30
Cancel meeting	2610	2610	2610	2610	2610	2610

2600

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	2620	2630
Cancel meeting	2600	2600	2600	2600	2620	2630

FIG. 27

Sl.	No.	Name	Class	Section	SE	Math	Science	IT	Options	Notes
1	20	29	X	IT-CE-20						
2	21	30	X	IT-CE-21						
3	22	31	X	IT-CE-22						
4	23	32	X	IT-CE-23						
5	24	33	X	IT-CE-24						
6	25	34	X	IT-CE-25						
7	26	35	X	IT-CE-26						
8	27	36	X	IT-CE-27						
9	28	37	X	IT-CE-28						
10	29	38	X	IT-CE-29						
11	30	39	X	IT-CE-30						
12	31	40	X	IT-CE-31						
13	32	41	X	IT-CE-32						
14	33	42	X	IT-CE-33						
15	34	43	X	IT-CE-34						
16	35	44	X	IT-CE-35						
17	36	45	X	IT-CE-36						
18	37	46	X	IT-CE-37						
19	38	47	X	IT-CE-38						
20	39	48	X	IT-CE-39						
21	40	49	X	IT-CE-40						
22	41	50	X	IT-CE-41						
23	42	51	X	IT-CE-42						
24	43	52	X	IT-CE-43						
25	44	53	X	IT-CE-44						
26	45	54	X	IT-CE-45						
27	46	55	X	IT-CE-46						
28	47	56	X	IT-CE-47						
29	48	57	X	IT-CE-48						
30	49	58	X	IT-CE-49						
31	50	59	X	IT-CE-50						
32	51	60	X	IT-CE-51						
33	52	61	X	IT-CE-52						
34	53	62	X	IT-CE-53						
35	54	63	X	IT-CE-54						
36	55	64	X	IT-CE-55						
37	56	65	X	IT-CE-56						
38	57	66	X	IT-CE-57						
39	58	67	X	IT-CE-58						
40	59	68	X	IT-CE-59						
41	60	69	X	IT-CE-60						
42	61	70	X	IT-CE-61						
43	62	71	X	IT-CE-62						
44	63	72	X	IT-CE-63						
45	64	73	X	IT-CE-64						
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53	72	81	X	IT-CE-72						
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55	74	83	X	IT-CE-74						
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57	76	85	X	IT-CE-76						
58	77	86	X	IT-CE-77						
59	78	87	X	IT-CE-78						
60	79	88	X	IT-CE-79						
61	80	89	X	IT-CE-80						
62	81	90	X	IT-CE-81						
63	82	91	X	IT-CE-82						
64	83	92	X	IT-CE-83						
65	84	93	X	IT-CE-84						
66	85	94	X	IT-CE-85						
67	86	95	X	IT-CE-86						
68	87	96	X	IT-CE-87						
69	88	97	X	IT-CE-88						
70	89	98	X	IT-CE-89						
71	90	99	X	IT-CE-90						
72	91	100	X	IT-CE-91						
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75	94	103	X	IT-CE-94						
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81	100	109	X	IT-CE-100						
82	101	110	X	IT-CE-101						
83	102	111	X	IT-CE-102						
84	103	112	X	IT-CE-103						
85	104	113	X	IT-CE-104						
86	105	114	X	IT-CE-105						
87	106	115	X	IT-CE-106						
88	107	116	X	IT-CE-107						
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99	118	127	X	IT-CE-118						
100	119	128	X	IT-CE-119						
101	120	129	X	IT-CE-120						
102	121	130	X	IT-CE-121						
103	122	131	X	IT-CE-122						
104	123	132	X	IT-CE-123						
105	124	133	X	IT-CE-124						
106	125	134	X	IT-CE-125						
107	126	135	X	IT-CE-126						
108	127	136	X	IT-CE-127						
109	128	137	X	IT-CE-128						
110	129	138	X	IT-CE-129						
111	130	139	X	IT-CE-130						
112	131	140	X	IT-CE-131						
113	132	141	X	IT-CE-132						
114	133	142	X	IT-CE-133						
115	134	143	X	IT-CE-134						
116	135	144	X	IT-CE-135						
117	136	145	X	IT-CE-136						
118	137	146	X	IT-CE-137						
119	138	147	X	IT-CE-138						
120	139	148	X	IT-CE-139						
121	140	149	X	IT-CE-140						
122	141	150	X	IT-CE-141						
123	142	151	X	IT-CE-142						
124	143	152	X	IT-CE-143						
125	144	153	X	IT-CE-144						
126	145	154	X	IT-CE-145						
127	146	155	X	IT-CE-146						
128	147	156	X	IT-CE-147						
129	148	157	X	IT-CE-148						
130	149	158	X	IT-CE-149						
131	150	159	X	IT-CE-150						
132	151	160	X	IT-CE-151						
133	152	161	X	IT-CE-152						
134	153	162	X	IT-CE-153						
135	154	163	X	IT-CE-154						
136	155	164	X	IT-CE-155						
137	156	165	X	IT-CE-156						
138	157	166	X	IT-CE-157						
139	158	167	X	IT-CE-158						
140	159	168	X	IT-CE-159						
141	160	169	X	IT-CE-160						
142	161	170	X	IT-CE-161						
143	162	171	X	IT-CE-162						
144	163	172	X	IT-CE-163						
145	164	173	X	IT-CE-164						
146	165	174	X	IT-CE-165						
147	166	175	X	IT-CE-166						
148	167	176	X	IT-CE-167						
149	168	177	X	IT-CE-168						
150	169	178	X	IT-CE-169						
151	170	179	X	IT-CE-170						
152	171	180	X	IT-CE-171						
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156	175	184	X	IT-CE-175						
157	176	185	X	IT-CE-176						
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162	181	190	X	IT-CE-181						
163	182	191	X	IT-CE-182						
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167	186	195	X	IT-CE-186						
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170	189	198	X	IT-CE-189						
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172	191	200	X	IT-CE-191						
173	192	201	X	IT-CE-192						
174	193	202	X	IT-CE-193						
175	194	203	X	IT-CE-194						
176	195	204	X	IT-CE-195						
177	196	205	X	IT-CE-196						
178	197	206	X	IT-CE-197						
179	198	207	X	IT-CE-198						
1										

2710

2730

FIG. 28



FIG. 30

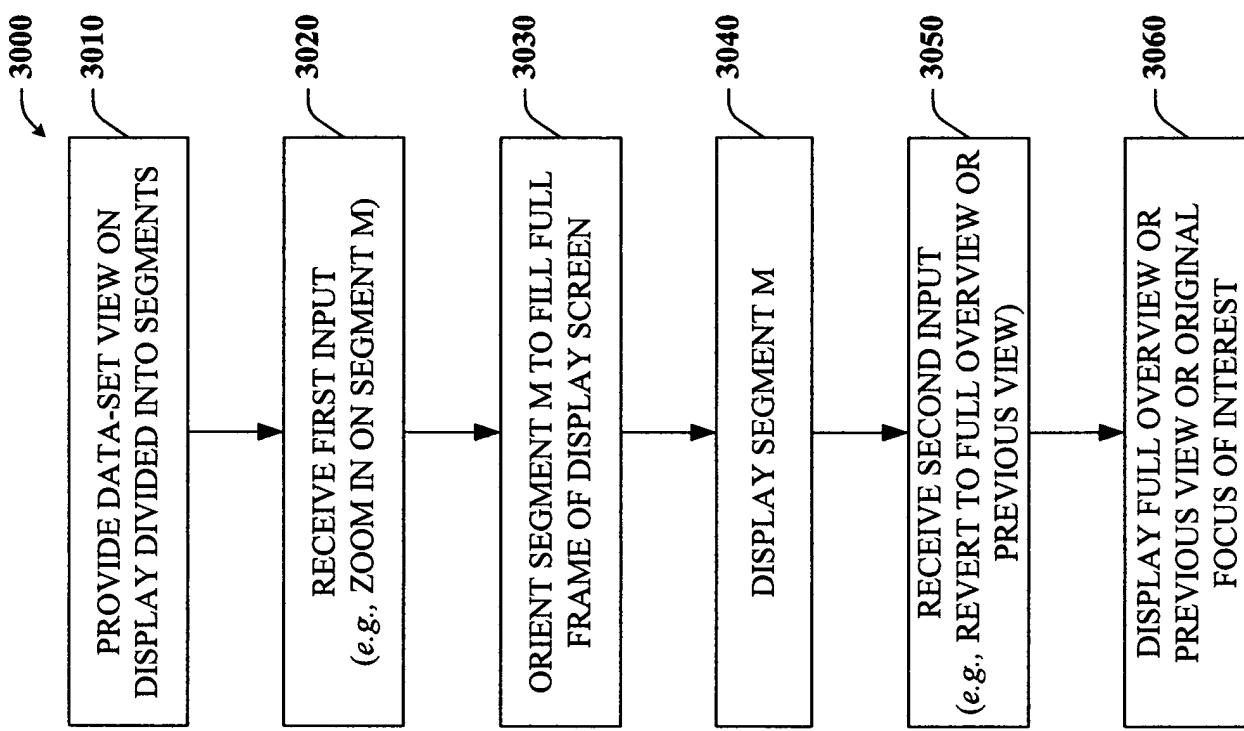
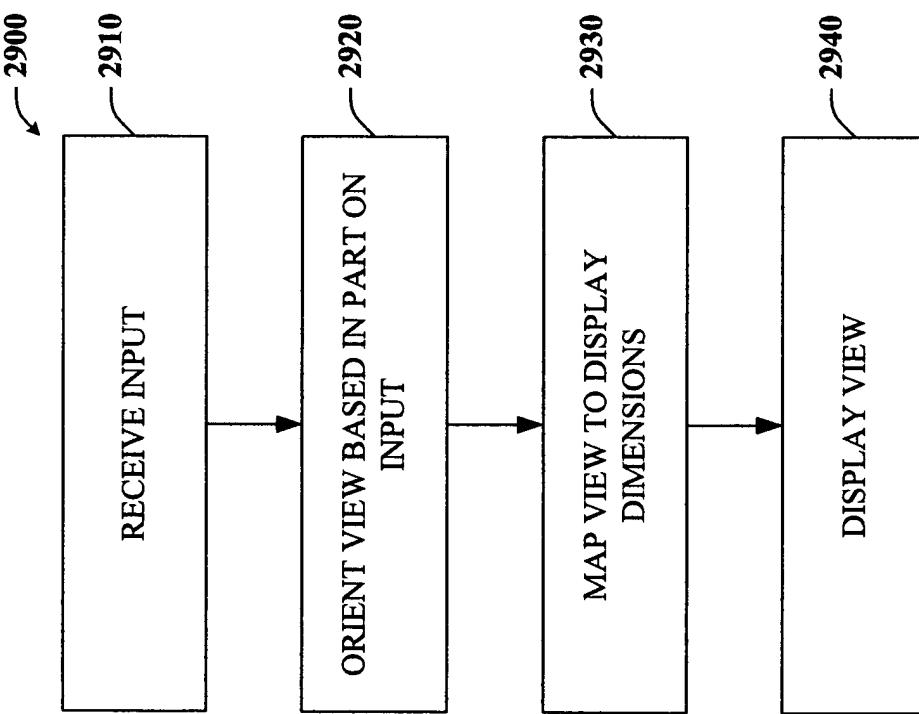


FIG. 29



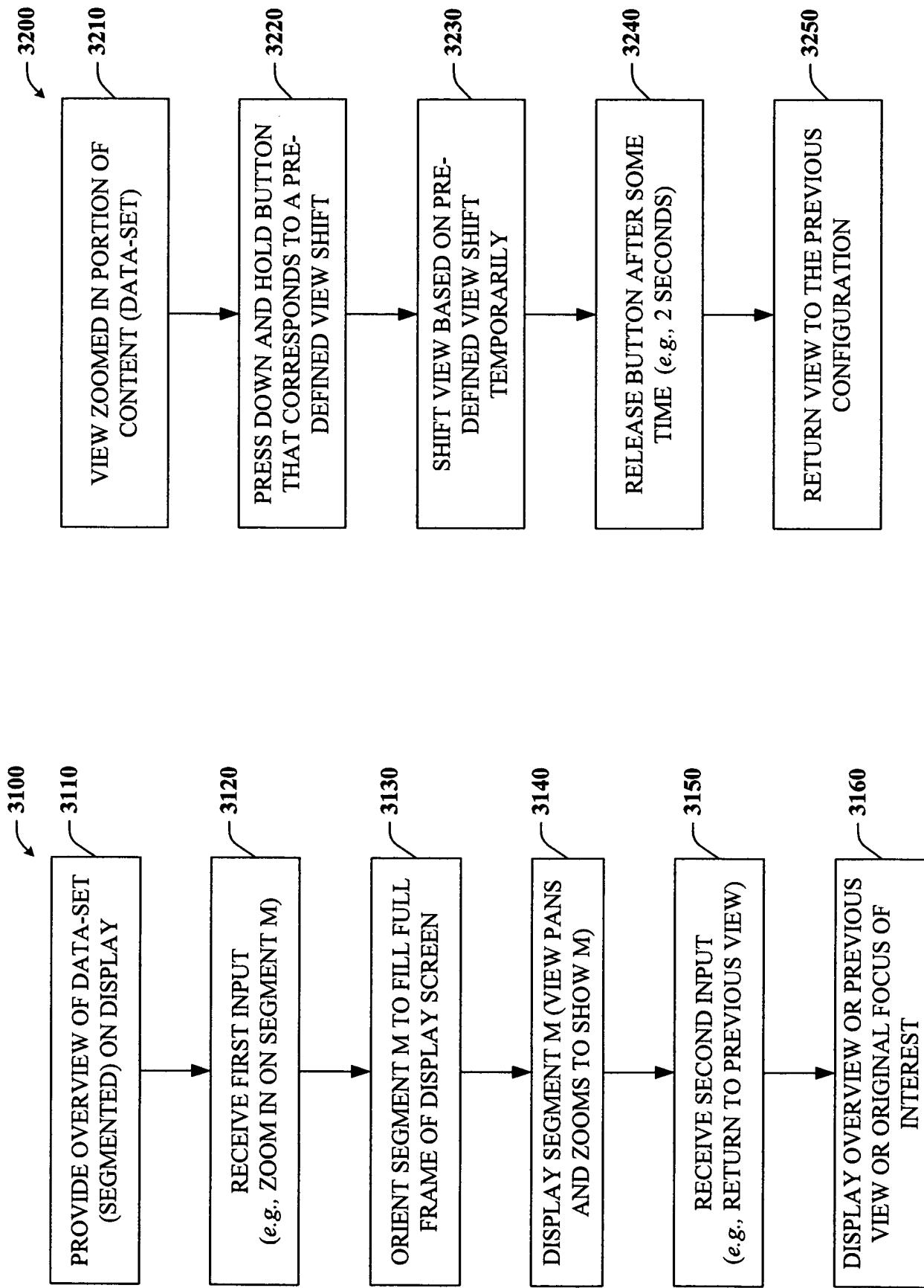


FIG. 31

FIG. 32

FIG. 33

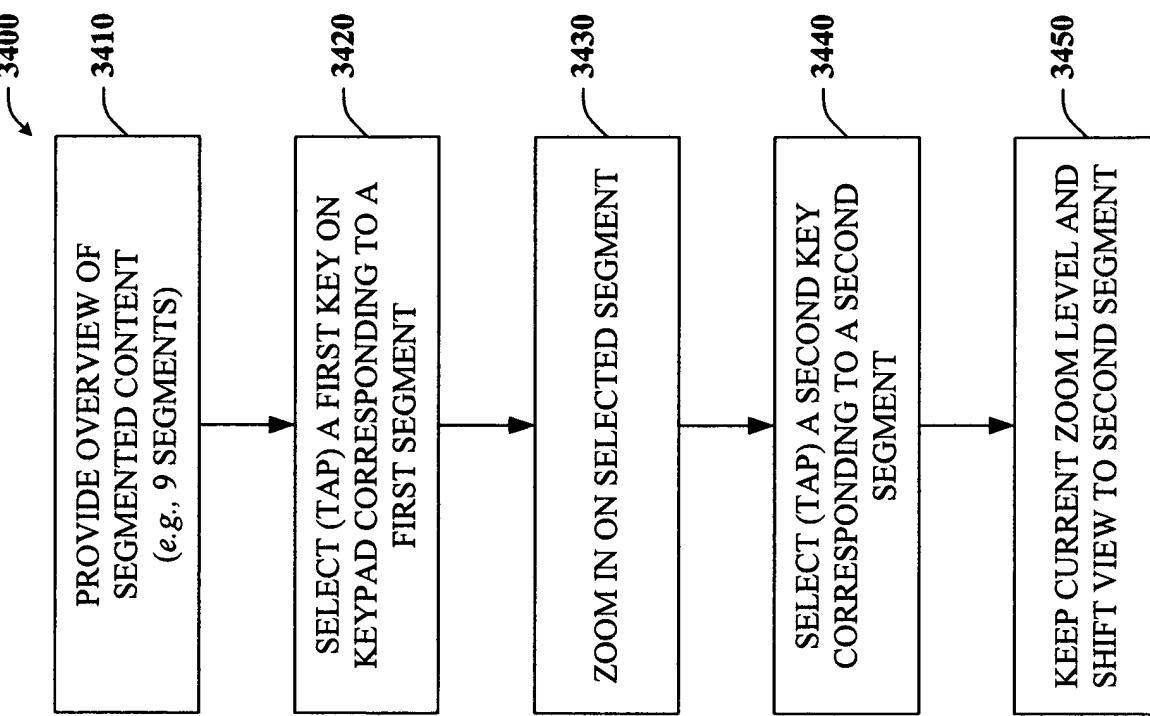
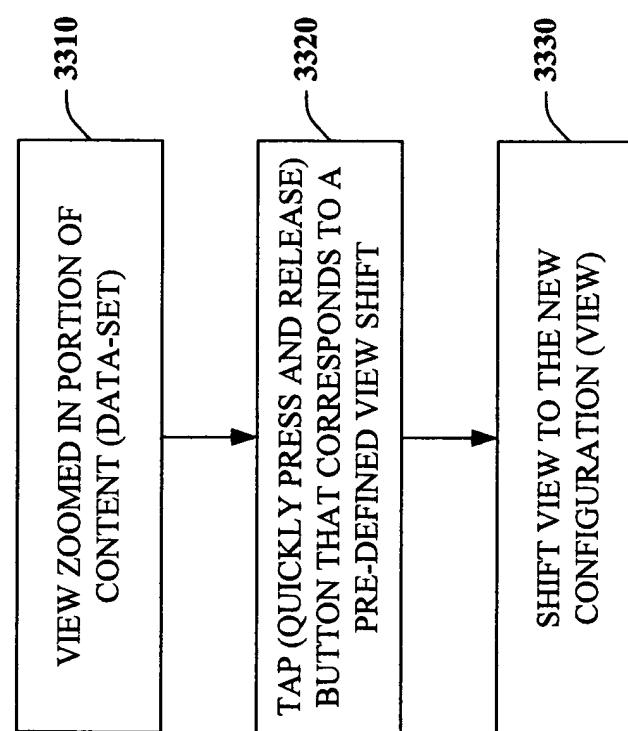


FIG. 34

FIG. 35

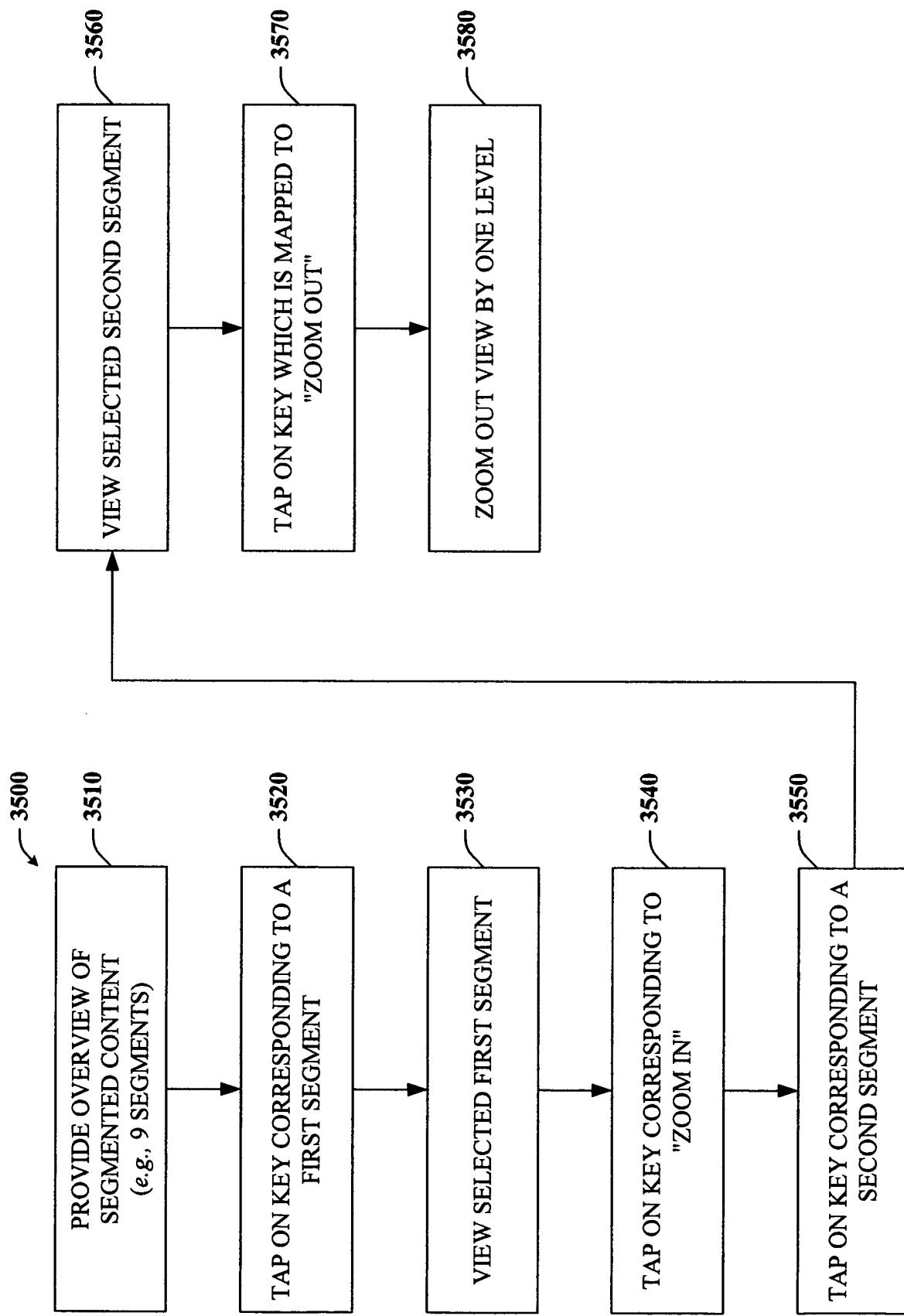
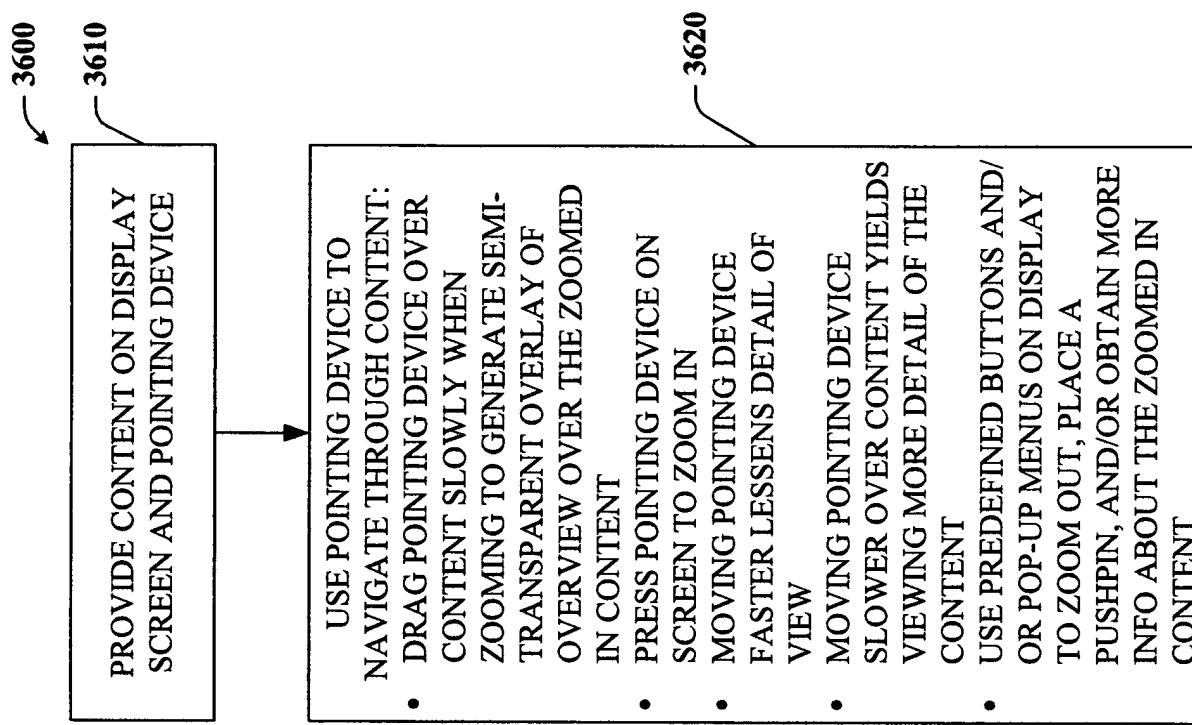


FIG. 36



EXEMPLARY LOGIC FOR SMALL DEVICE KEY-PRESS ACTIVATED RECURSIVE VIEW NAVIGATION (ZONEZOOM)

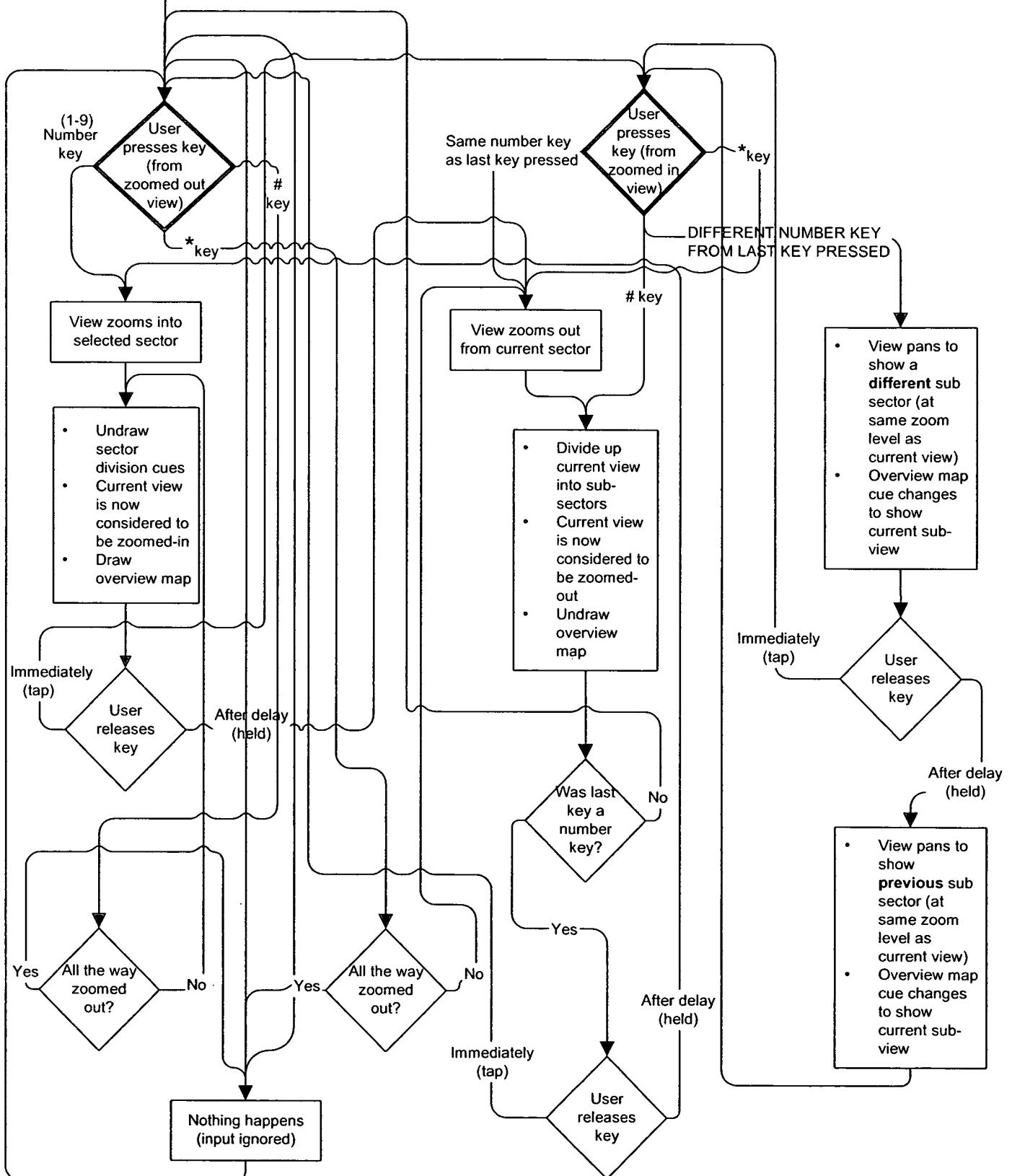


FIG. 37

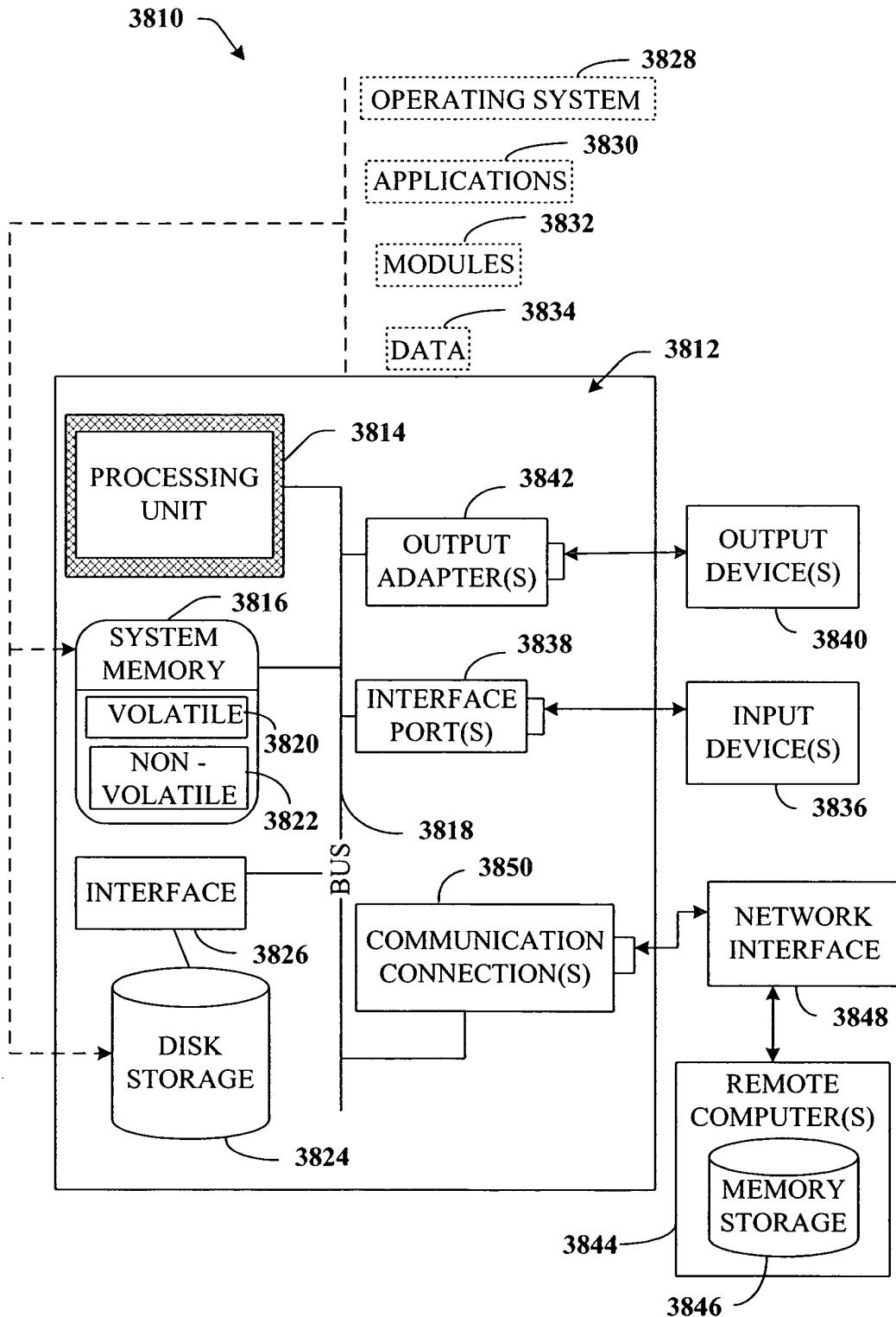


FIG. 38